

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
 Data File : BG059558.D
 Acq On : 31 Oct 2023 11:42
 Operator : MA/JU
 Sample : 04696-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Quant Time: Nov 01 04:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	75686	20.000	ng/u1	0.00
20) Naphthalene-d8	11.208	136	443726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.986	164	279066	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	628019m	20.000	ng/u1	0.00
79) Chrysene-d12	22.072	240	525230	20.000	ng/u1	0.00
88) Perylene-d12	25.679	264	559072	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	12617	6.237	ng/uL	0.00
4) Pyridine-d5	4.087	84	132344	23.412	ng/u1	0.00
7) Phenol-d5	7.465	99	204099	26.242	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	73534	20.584	ng/u1	0.00
11) 2-Chlorophenol-d4	7.871	132	139852	22.164	ng/u1	0.00
15) 4-Methylphenol-d8	9.034	113	141462	22.926	ng/u1	0.00
21) Nitrobenzene-d5	9.557	128	70379	22.307	ng/u1	0.00
24) 2-Nitrophenol-d4	10.274	143	98007	30.259	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	173200	24.271	ng/u1	0.00
31) 4-Chloroaniline-d4	11.343	131	261793	22.285	ng/u1	0.00
46) Dimethylphthalate-d6	14.381	166	535450	21.179	ng/u1	0.00
49) Acenaphthylene-d8	14.686	160	659121	22.214	ng/u1	0.00
54) 4-Nitrophenol-d4	15.150	143	102019	23.530	ng/u1	0.00
60) Fluorene-d10	15.973	176	474153	21.944	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.073	200	68167m	22.920	ng/u1	0.00
73) Anthracene-d10	17.835	188	728128	21.401	ng/u1	0.00
81) Pyrene-d10	20.103	212	781873	21.417	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.432	264	757532	23.010	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	2306m	1.018	ng/uL	
5) Pyridine	4.104	79	19426	3.484	ng/u1#	49
6) Benzaldehyde	7.495	77	20077	5.731	ng/u1	84
8) Phenol	7.495	94	32863	4.482	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.771	93	17476	3.250	ng/u1	89
12) 2-Chlorophenol	7.900	128	22607	3.614	ng/u1#	88
13) 2-Methylphenol	8.775	108	22330	3.653	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.875	45	16655m	3.291	ng/u1	
16) Acetophenone	9.199	105	33403	3.434	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.157	70	13517	2.949	ng/u1#	76
18) 4-Methylphenol	9.105	108	24193m	3.720	ng/u1	
19) Hexachloroethane	9.445	117	9924	3.994	ng/u1#	83
22) Nitrobenzene	9.598	77	24903	3.657	ng/u1#	95
23) Isophorone	10.103	82	58195	3.393	ng/u1	94
25) 2-Nitrophenol	10.309	139	16032	4.602	ng/u1#	74
26) 2,4-Dimethylphenol	10.327	107	30942	3.377	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.591	93	32451	3.398	ng/u1	91
29) 2,4-Dichlorophenol	10.820	162	28628	4.147	ng/u1#	85
30) Naphthalene	11.255	128	109310	3.952	ng/u1#	93
32) 4-Chloroaniline	11.372	127	42418	3.801	ng/u1	100
33) Hexachlorobutadiene	11.490	225	16841	4.066	ng/u1	99
34) Caprolactam	12.130	113	10556m	4.179	ng/u1	
35) 4-Chloro-3-methylphenol	12.430	107	33462	4.062	ng/u1	96
36) 2-Methylnaphthalene	12.835	142	73769	3.877	ng/u1	100

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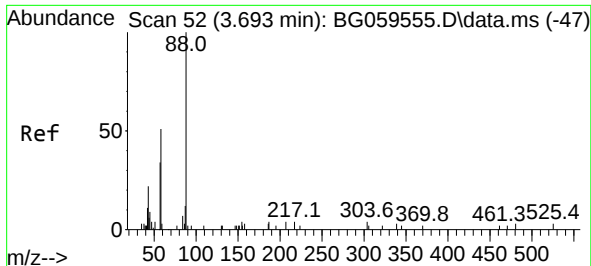
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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
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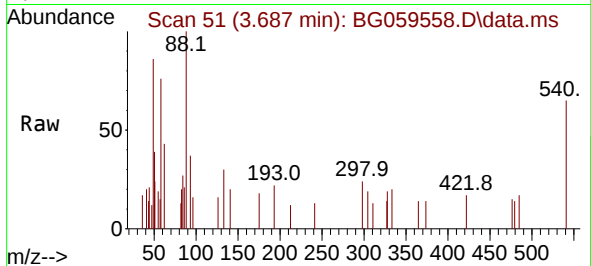
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.053	142	74890	3.952	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.176	216	30642	3.807	ng/ul	95
40) Hexachlorocyclopentadiene	13.129	237	17349	3.698	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.411	196	22322	4.005	ng/ul	89
42) 2,4,5-Trichlorophenol	13.482	196	23511	3.896	ng/ul	97
43) 1,1'-Biphenyl	13.823	154	94937	3.761	ng/ul#	93
44) 2-Chloronaphthalene	13.875	162	71571	3.648	ng/ul	89
45) 2-Nitroaniline	14.087	65	15456	4.233	ng/ul#	53
47) Dimethylphthalate	14.428	163	87906	3.519	ng/ul#	91
48) 2,6-Dinitrotoluene	14.563	165	13260	3.519	ng/ul#	76
50) Acenaphthylene	14.716	152	123428	3.610	ng/ul	98
51) 3-Nitroaniline	14.904	138	19802	4.216	ng/ul#	76
52) Acenaphthene	15.050	153	79063	3.548	ng/ul	92
53) 2,4-Dinitrophenol	15.086	184	11111	5.190	ng/ul#	66
55) 4-Nitrophenol	15.168	109	21635	4.528	ng/ul	100
56) Dibenzofuran	15.380	168	101142	3.501	ng/ul	88
57) 2,4-Dinitrotoluene	15.344	165	23422	4.419	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.585	232	18790	3.968	ng/ul#	91
59) Diethylphthalate	15.773	149	97495	3.578	ng/ul	97
61) Fluorene	16.032	166	93577	3.752	ng/ul	92
62) 4-Chlorophenyl-phenyle...	16.014	204	40071	3.759	ng/ul	95
63) 4-Nitroaniline	16.061	138	21858	4.385	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	16.085	198	12904	4.117	ng/ul#	89
67) N-Nitrosodiphenylamine	16.231	169	78890	3.676	ng/ul	90
68) 4-Bromophenyl-phenylether	16.913	248	22166	3.527	ng/ul	88
69) Hexachlorobenzene	17.001	284	25464	3.506	ng/ul	90
70) Atrazine	17.166	200	28389m	4.269	ng/ul	
71) Pentachlorophenol	17.354	266	18056m	4.352	ng/ul	
72) Phenanthrene	17.777	178	147797	3.620	ng/ul	96
74) Anthracene	17.871	178	144290	3.500	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.781	216	29007	3.468	ng/uL	94
76) Pentachlorobenzene	15.274	250	33287m	4.194	ng/uL	
77) Carbazole	18.147	167	134528	3.799	ng/ul	95
78) Di-n-butylphthalate	18.658	149	172399	3.543	ng/ul	98
80) Fluoranthene	19.774	202	160235	3.601	ng/ul#	95
82) Pyrene	20.139	202	168953	3.655	ng/ul#	95
83) Butylbenzylphthalate	21.002	149	75562	3.620	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.960	252	56962	4.170	ng/ul	94
85) Benzo(a)anthracene	22.054	228	154832	3.582	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.895	149	120620	3.872	ng/ul	96
87) Chrysene	22.125	228	146600	3.646	ng/ul	97
89) Di-n-octyl phthalate	23.253	149	195379	3.992	ng/ul	100
90) Benzo(b)fluoranthene	24.510	252	146837m	3.623	ng/ul	
91) Benzo(k)fluoranthene	24.586	252	146192	3.611	ng/ul	94
93) Benzo(a)pyrene	25.515	252	147614m	3.854	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.868	276	183900m	3.788	ng/ul	
95) Dibenzo(a,h)anthracene	29.951	278	156079m	3.893	ng/ul	
96) Benzo(g,h,i)perylene	31.179	276	140333m	3.532	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.018 ng/uL m
RT: 3.687 min Scan# 51
Delta R.T. -0.015 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

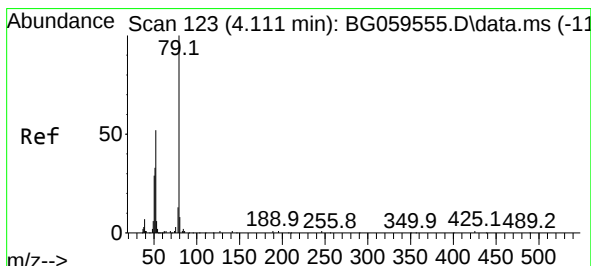
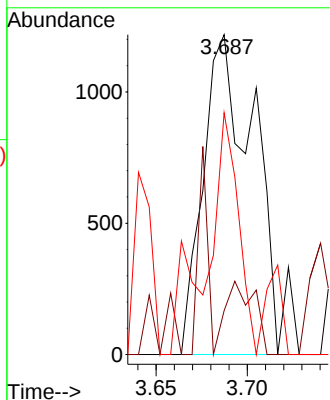
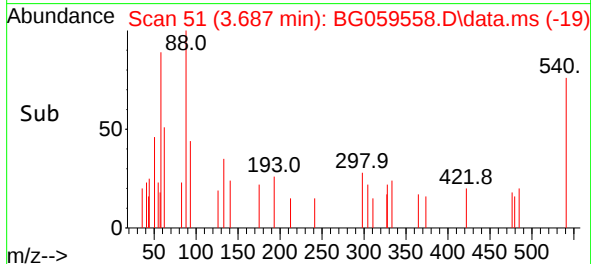
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 88 Resp: 2300
Ion Ratio Lower Upper
88 100
43 13.7 15.7 23.5
58 75.6 36.2 54.2

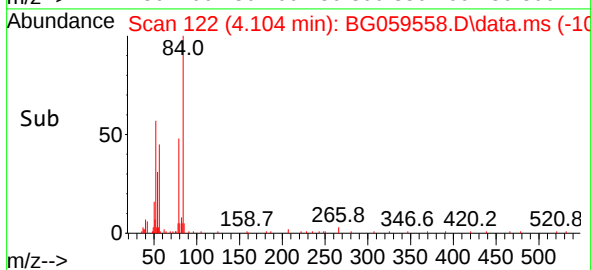
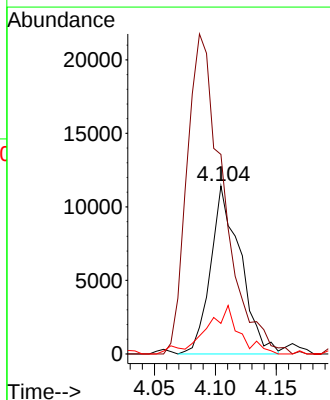
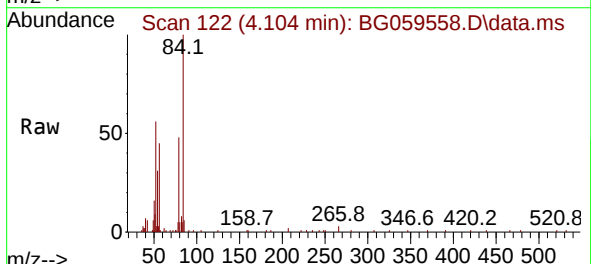
Manual Integrations
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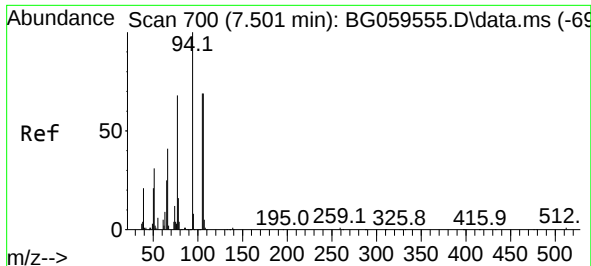
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#5
Pyridine
Concen: 3.484 ng/uL
RT: 4.104 min Scan# 122
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

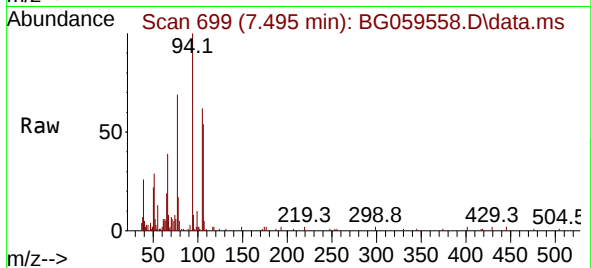
Tgt Ion: 79 Resp: 19426
Ion Ratio Lower Upper
79 100
52 118.8 53.3 79.9#
51 18.2 22.4 33.6#





#6
Benzaldehyde
Concen: 5.731 ng/ul
RT: 7.495 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

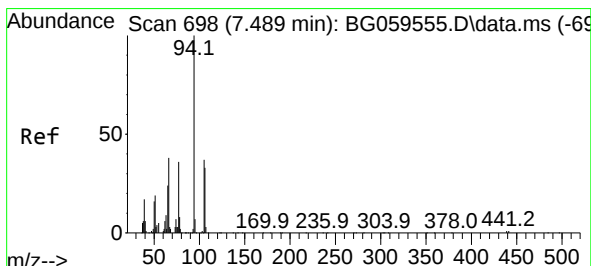
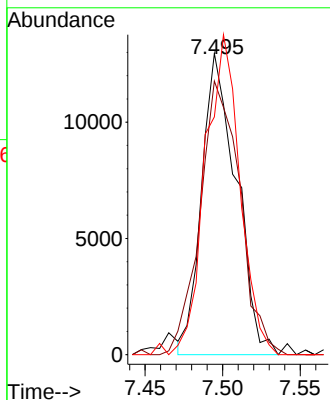
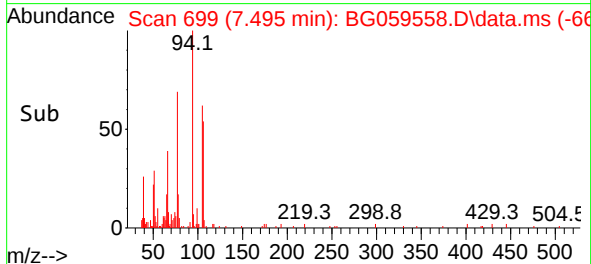
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 2007
Ion Ratio Lower Upper
77 100
105 90.8 83.6 125.4
106 78.9 78.6 118.0

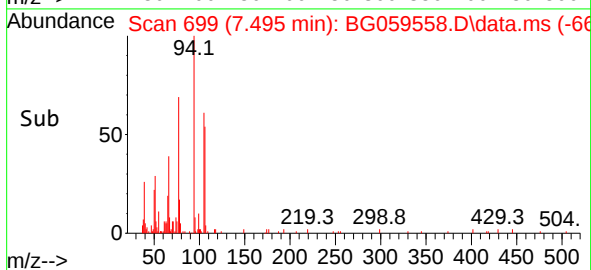
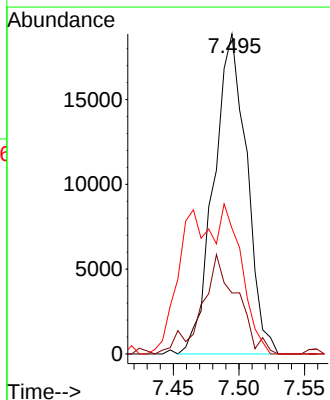
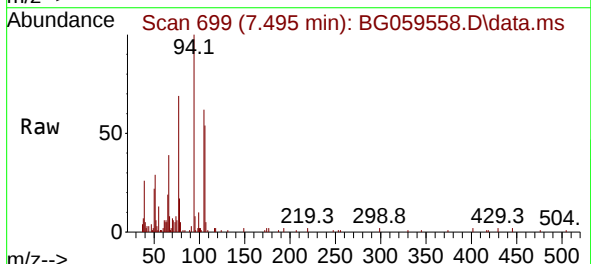
Manual Integrations
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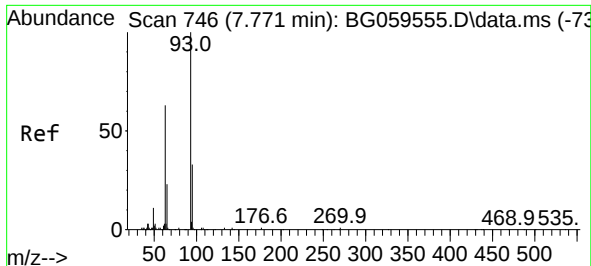
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#8
Phenol
Concen: 4.482 ng/ul
RT: 7.495 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

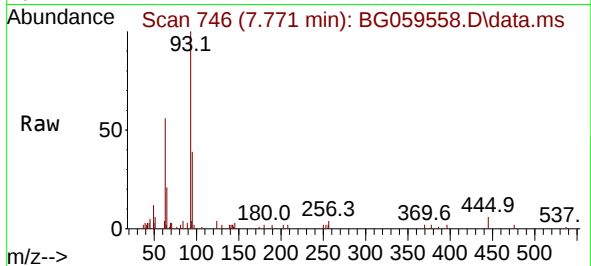
Tgt Ion: 94 Resp: 32863
Ion Ratio Lower Upper
94 100
65 19.0 22.5 33.7#
66 39.2 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.250 ng/ul
RT: 7.771 min Scan# 746
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

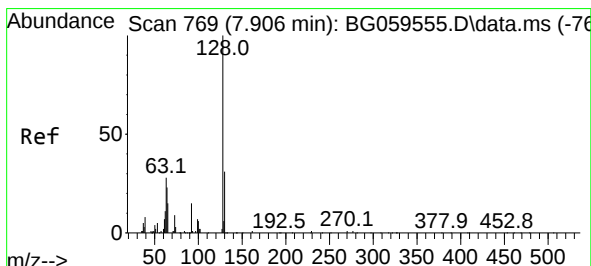
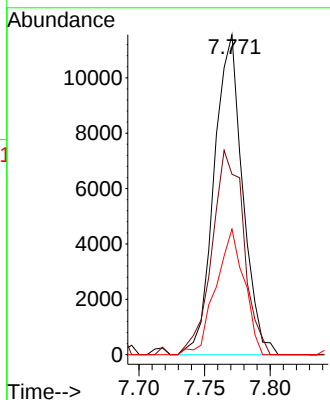
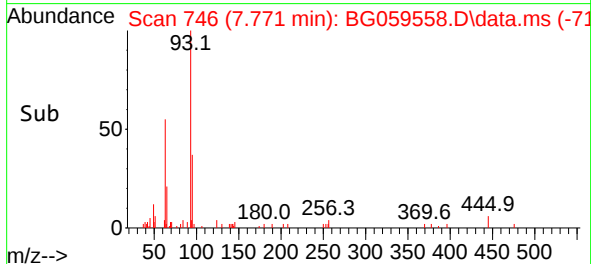
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion: 93 Resp: 17476
Ion Ratio Lower Upper
93 100
63 56.4 52.5 78.7
95 39.3 26.5 39.7

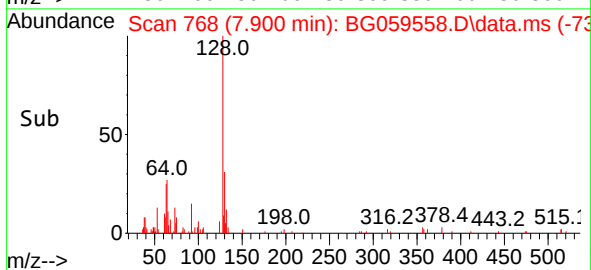
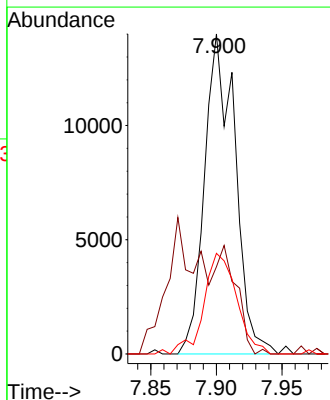
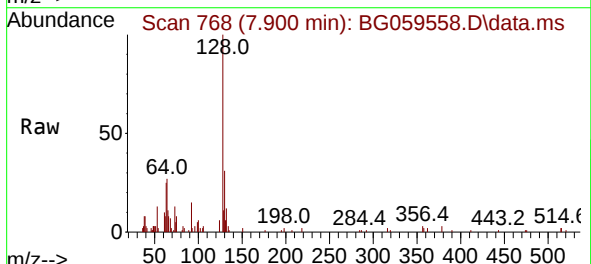
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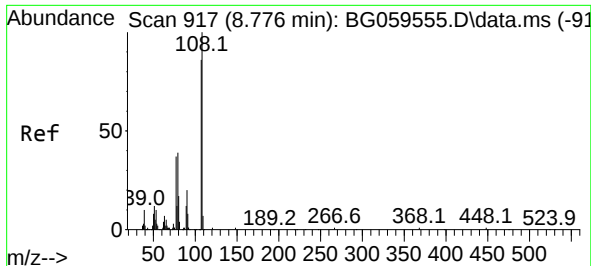
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#12
2-Chlorophenol
Concen: 3.614 ng/ul
RT: 7.900 min Scan# 768
Delta R.T. -0.015 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:128 Resp: 22607
Ion Ratio Lower Upper
128 100
64 27.3 30.2 45.2#
130 31.5 27.9 41.9





#13

2-Methylphenol

Concen: 3.653 ng/ul

RT: 8.775 min Scan# 917

Delta R.T. -0.003 min

Lab File: BG059558.D

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BNA_G

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Tgt Ion:108 Resp: 22330

Ion Ratio Lower Upper

108 100

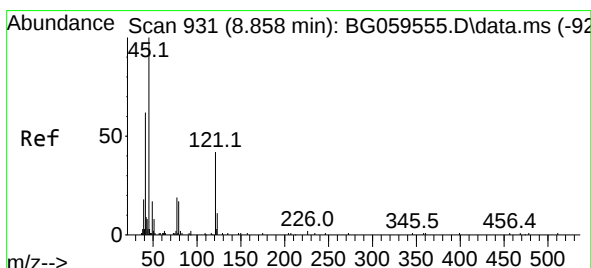
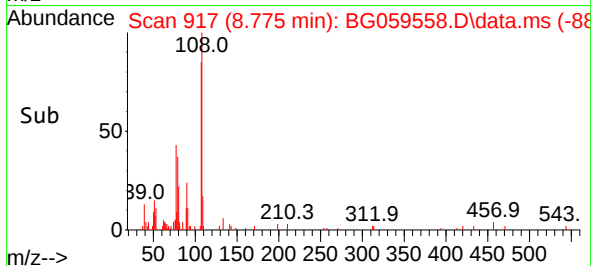
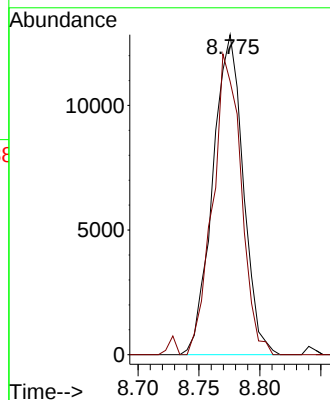
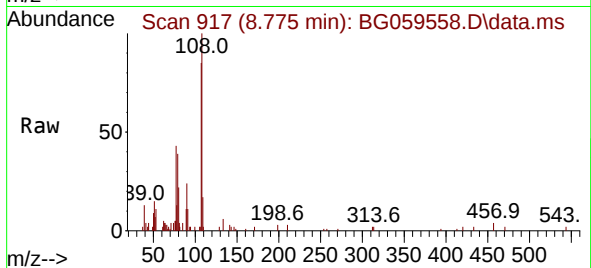
107 85.4 68.6 102.8

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/02/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.291 ng/ul m

RT: 8.875 min Scan# 934

Delta R.T. -0.003 min

Lab File: BG059558.D

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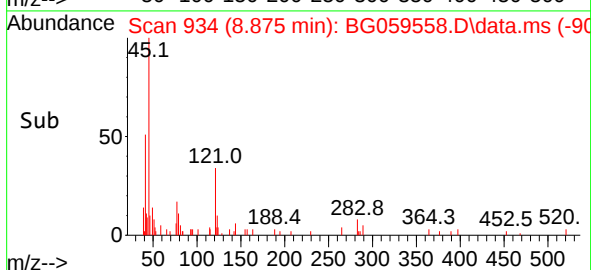
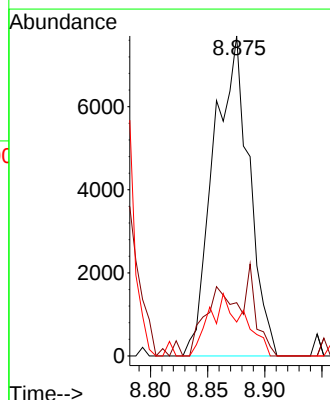
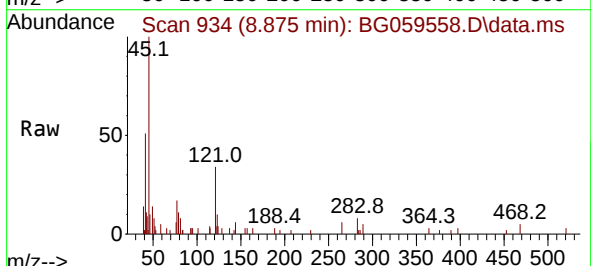
Tgt Ion: 45 Resp: 16655

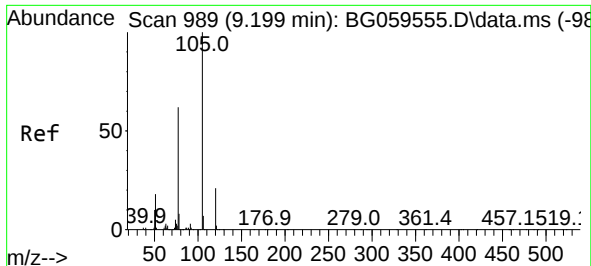
Ion Ratio Lower Upper

45 100

77 16.7 15.0 22.6

79 10.6 10.0 15.0





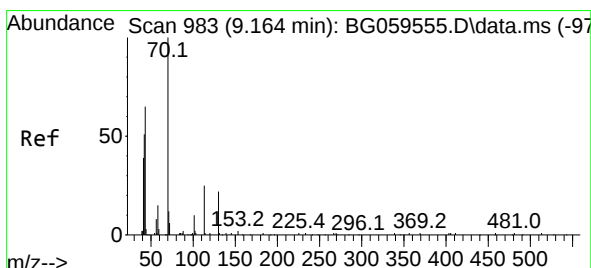
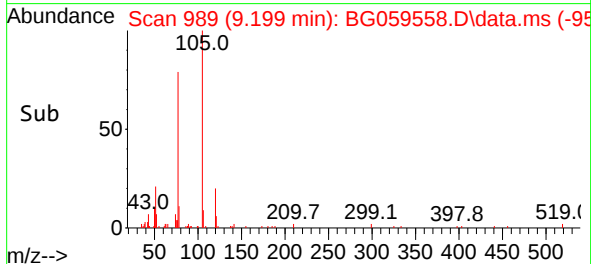
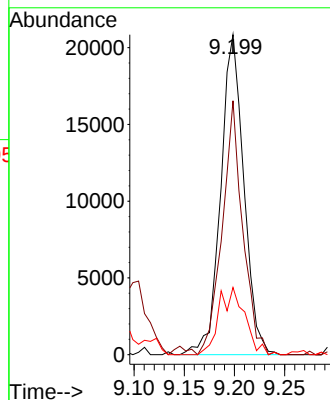
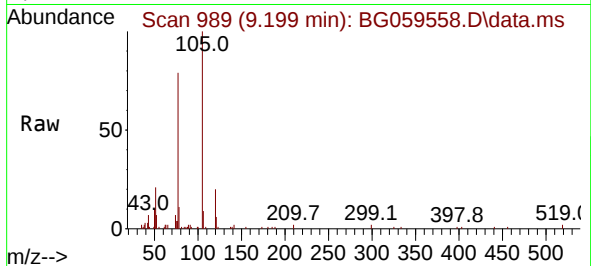
#16
Acetophenone
Concen: 3.434 ng/ul
RT: 9.199 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:105 Resp: 3340
Ion Ratio Lower Upper
105 100
77 79.4 59.6 89.4
51 21.0 16.2 24.4

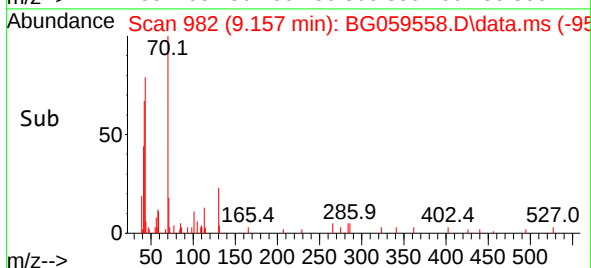
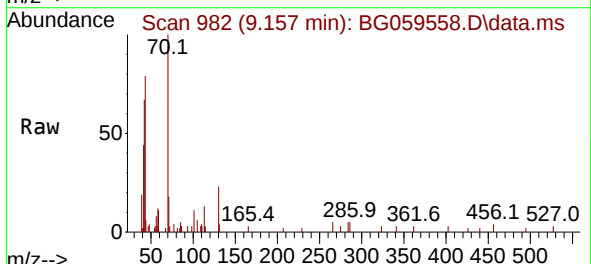
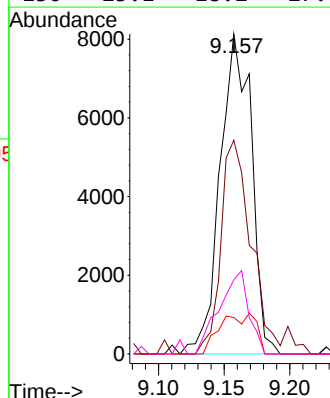
Manual Integrations
APPROVED

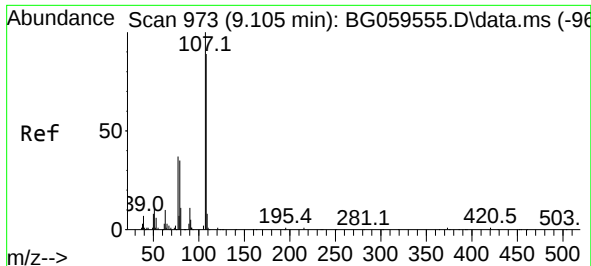
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#17
N-Nitroso-di-n-propylamine
Concen: 2.949 ng/ul
RT: 9.157 min Scan# 982
Delta R.T. -0.015 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

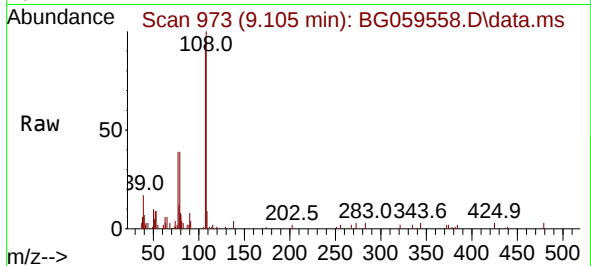
Tgt Ion: 70 Resp: 13517
Ion Ratio Lower Upper
70 100
42 66.8 33.8 50.8#
101 11.4 5.4 8.0#
130 23.1 18.2 27.4





#18
4-Methylphenol
Concen: 3.720 ng/ul m
RT: 9.105 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

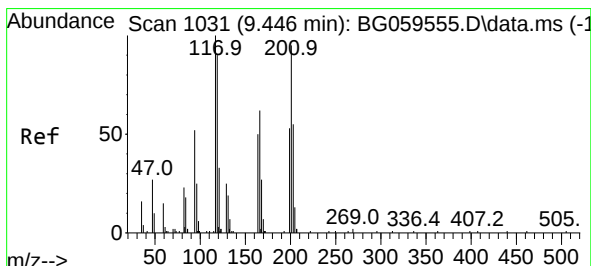
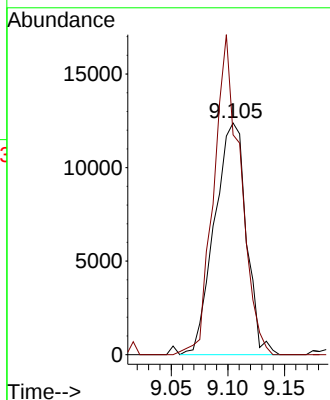
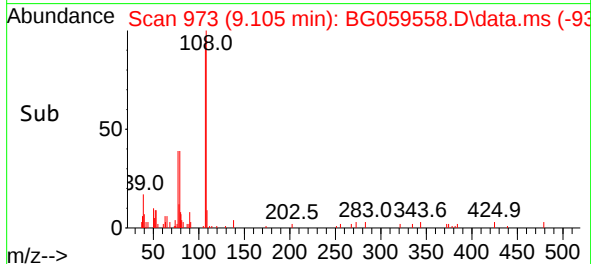
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:108 Resp: 2419
Ion Ratio Lower Upper
108 100
107 94.9 88.9 133.3

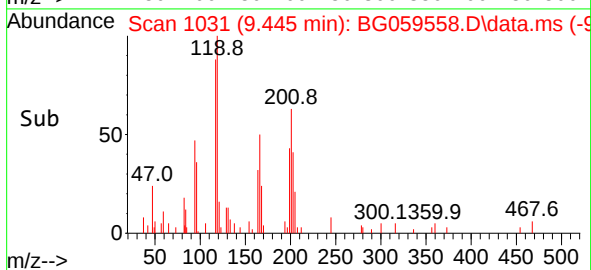
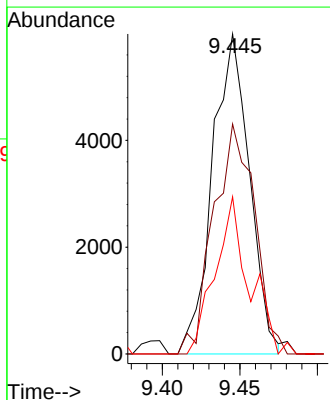
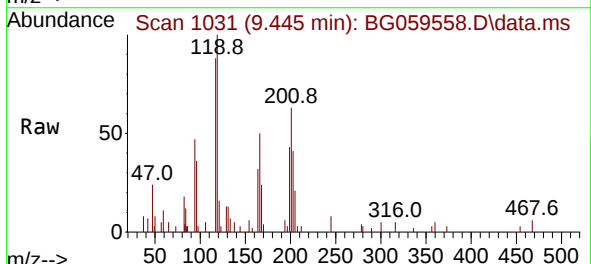
Manual Integrations
APPROVED

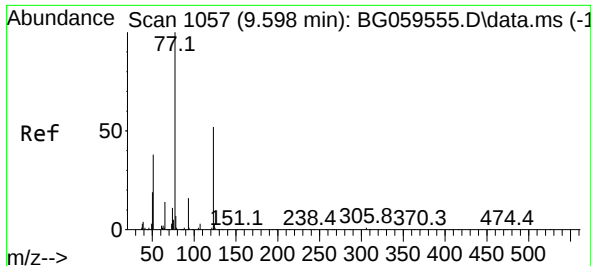
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#19
Hexachloroethane
Concen: 3.994 ng/ul
RT: 9.445 min Scan# 1031
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

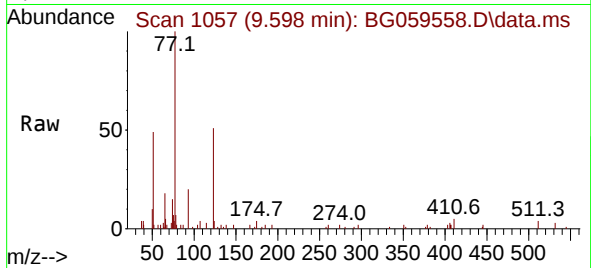
Tgt Ion:117 Resp: 9924
Ion Ratio Lower Upper
117 100
201 71.9 75.8 113.6#
199 49.1 42.3 63.5





#22
Nitrobenzene
Concen: 3.657 ng/ul
RT: 9.598 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

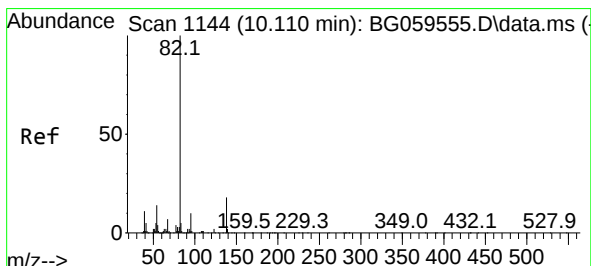
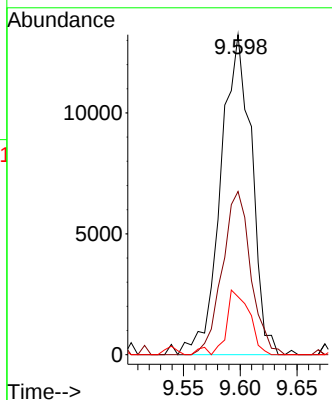
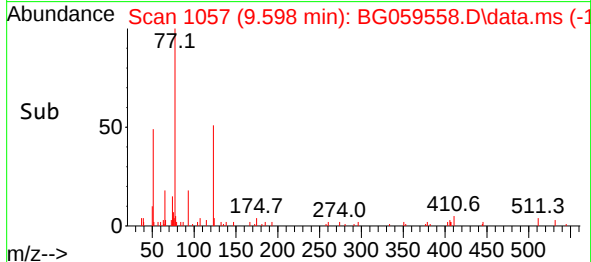
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 2490
Ion Ratio Lower Upper
77 100
123 51.0 42.6 63.8
65 18.1 11.0 16.4

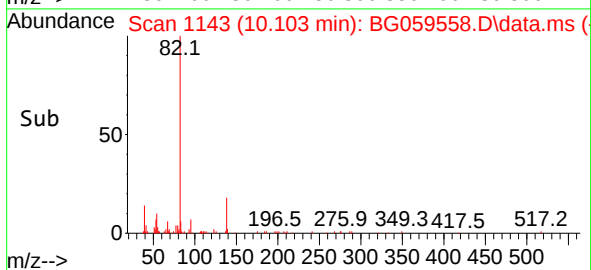
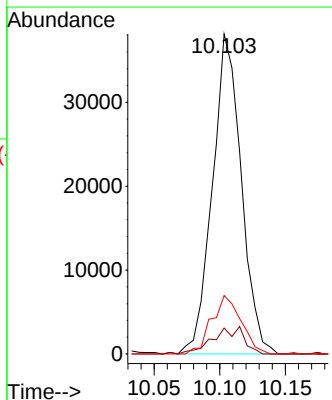
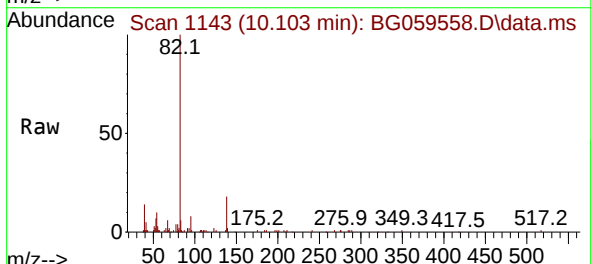
Manual Integrations
APPROVED

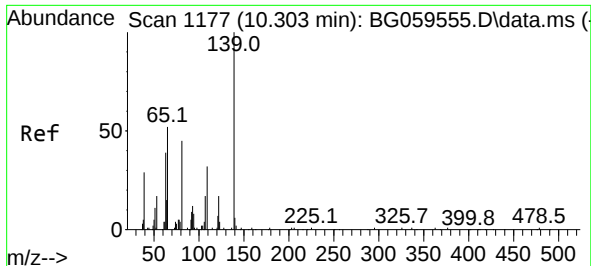
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#23
Isophorone
Concen: 3.393 ng/ul
RT: 10.103 min Scan# 1143
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

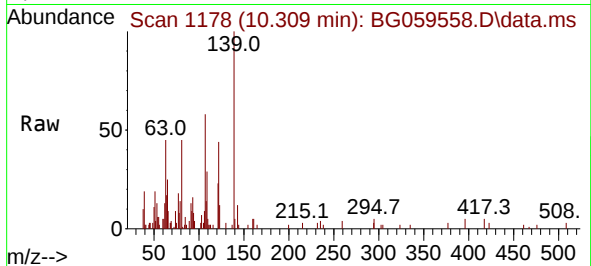
Tgt Ion: 82 Resp: 58195
Ion Ratio Lower Upper
82 100
95 8.1 5.6 8.4
138 18.2 12.3 18.5





#25
2-Nitrophenol
Concen: 4.602 ng/ul
RT: 10.309 min Scan# 1177
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

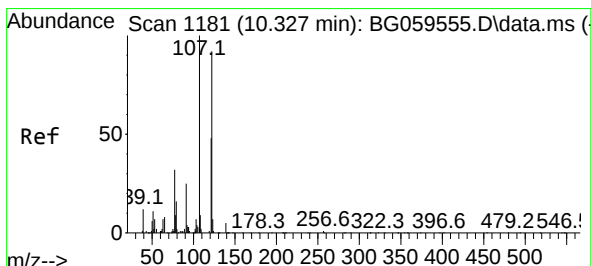
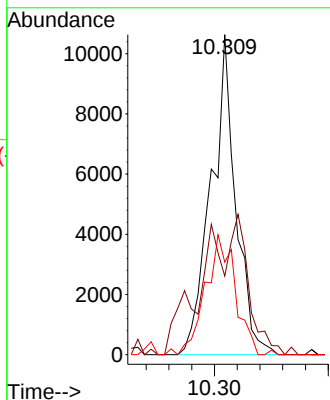
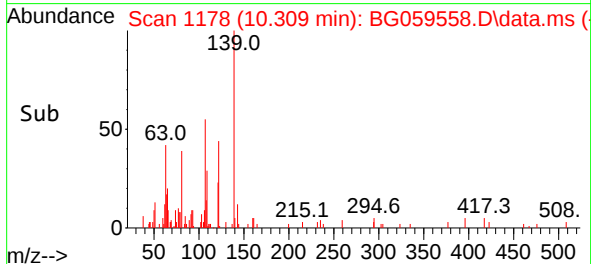
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



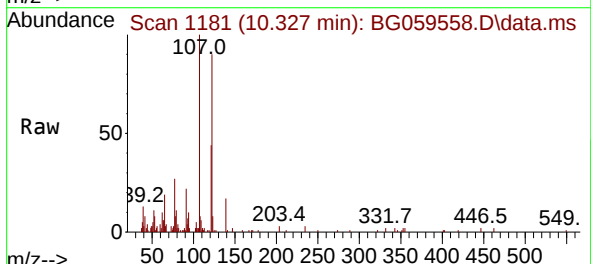
Tgt Ion:139 Resp: 16032
Ion Ratio Lower Upper
139 100
65 24.6 39.7 59.5
109 28.9 21.0 31.6

Manual Integrations
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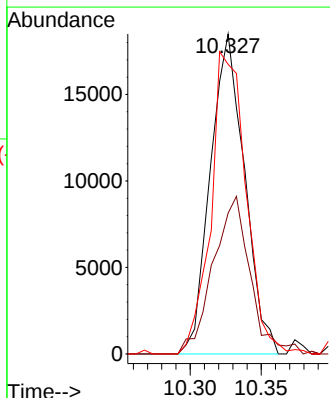
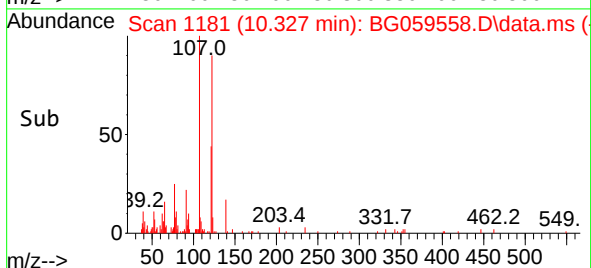
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

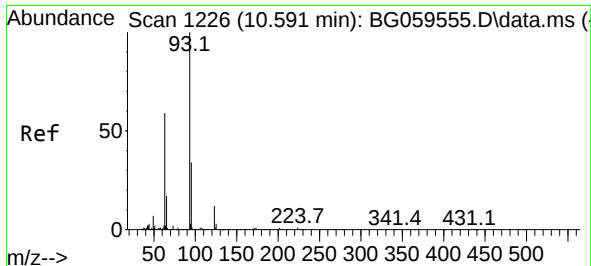


#26
2,4-Dimethylphenol
Concen: 3.377 ng/ul
RT: 10.327 min Scan# 1181
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42



Tgt Ion:107 Resp: 30942
Ion Ratio Lower Upper
107 100
121 44.0 42.7 64.1
122 90.5 72.6 108.8





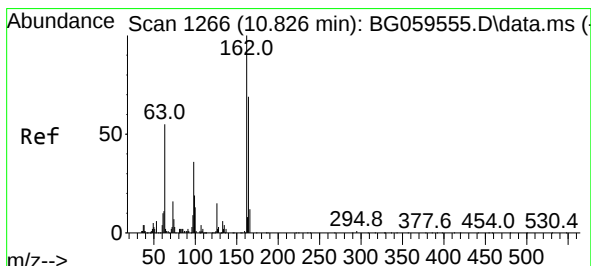
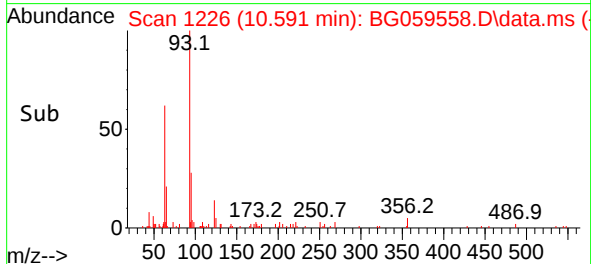
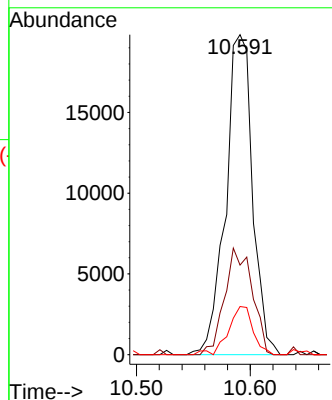
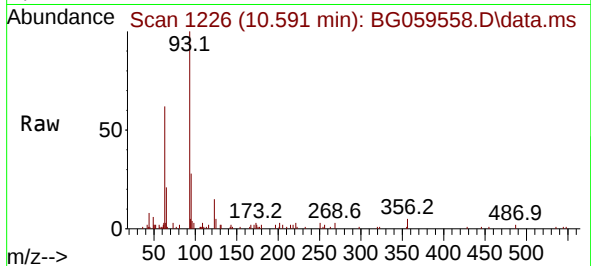
#27
Bis(2-Chloroethoxy)methane
Concen: 3.398 ng/ul
RT: 10.591 min Scan# 1226
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:	93	Resp:	3245
Ion Ratio	Lower	Upper	
93	100		
95	28.0	27.1	40.7
123	15.0	10.3	15.5

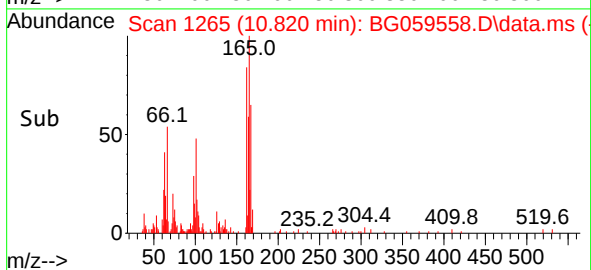
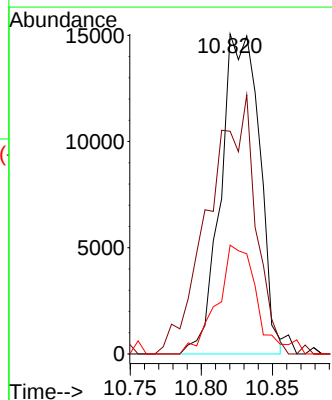
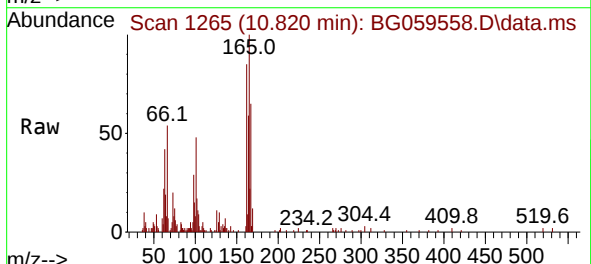
Manual Integrations
APPROVED

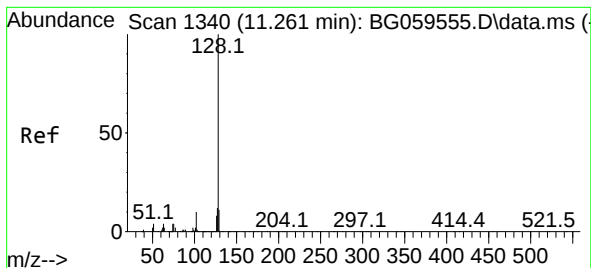
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#29
2,4-Dichlorophenol
Concen: 4.147 ng/ul
RT: 10.820 min Scan# 1265
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

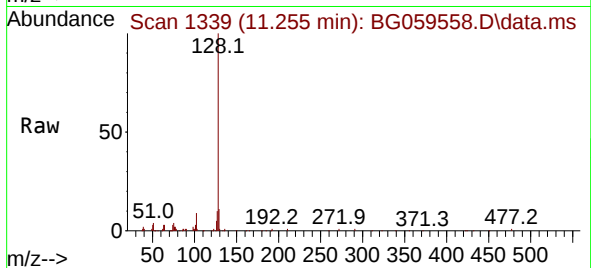
Tgt Ion:	162	Resp:	28628
Ion Ratio	Lower	Upper	
162	100		
164	69.6	45.3	67.9#
98	34.0	32.2	48.4





#30
Naphthalene
Concen: 3.952 ng/ul
RT: 11.255 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

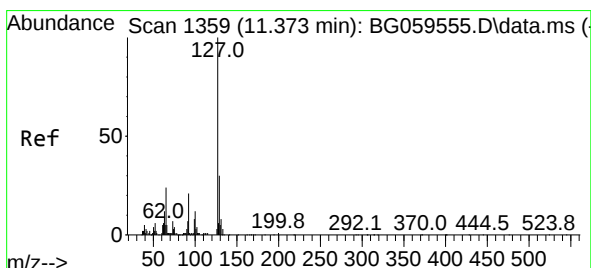
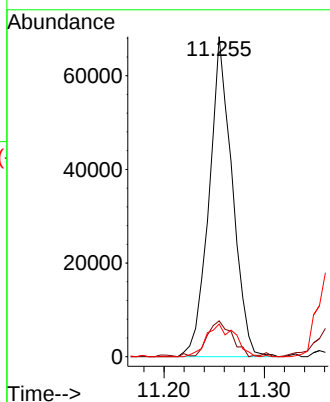
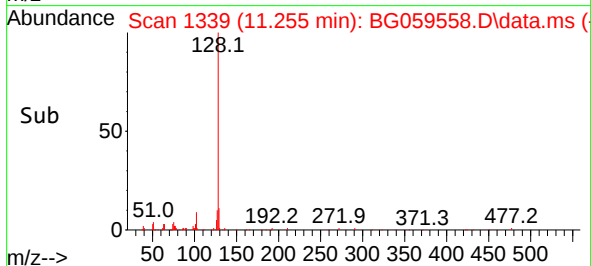
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:128 Resp: 109310
Ion Ratio Lower Upper
128 100
129 11.2 7.4 11.0
127 10.2 10.5 15.7

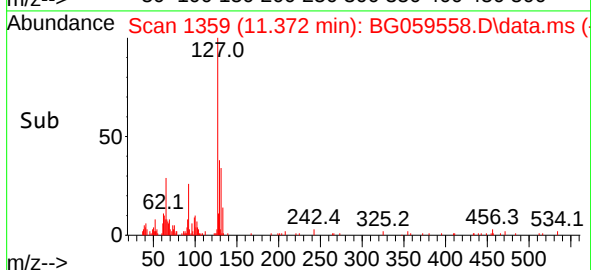
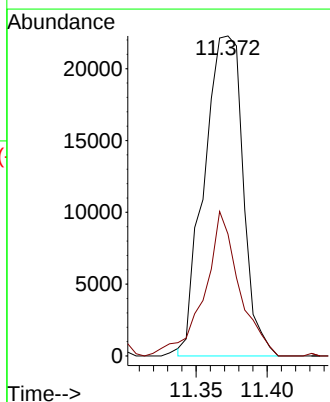
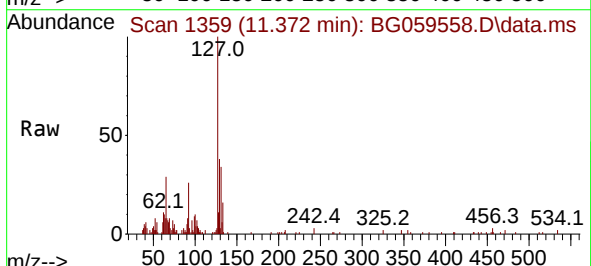
Manual Integrations
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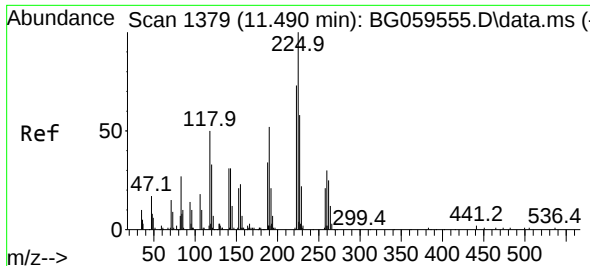
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#32
4-Chloroaniline
Concen: 3.801 ng/ul
RT: 11.372 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

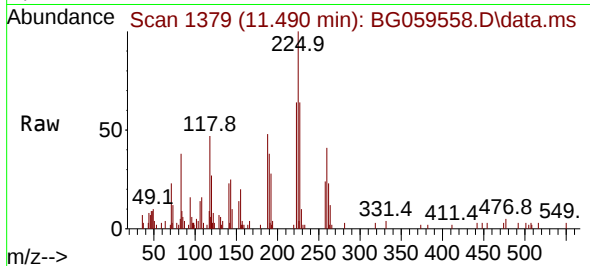
Tgt Ion:127 Resp: 42418
Ion Ratio Lower Upper
127 100
129 38.1 30.4 45.6





#33
Hexachlorobutadiene
Concen: 4.066 ng/ul
RT: 11.490 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

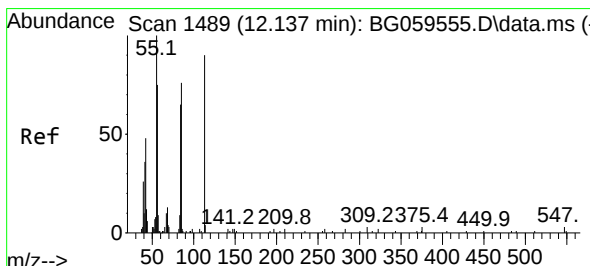
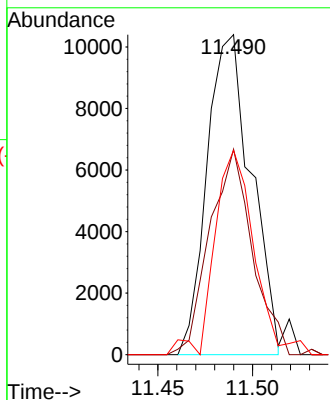
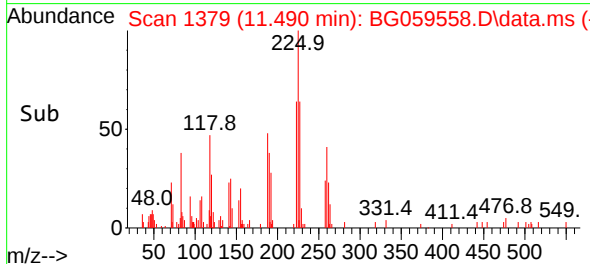
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:225 Resp: 1684
Ion Ratio Lower Upper
225 100
223 64.2 50.8 76.2
227 63.9 49.8 74.8

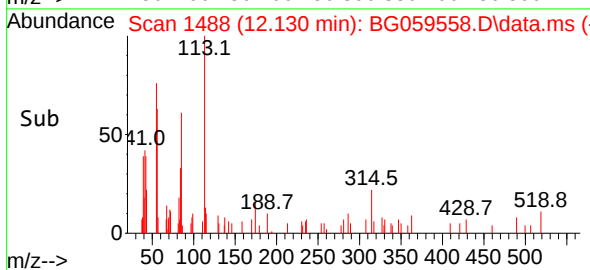
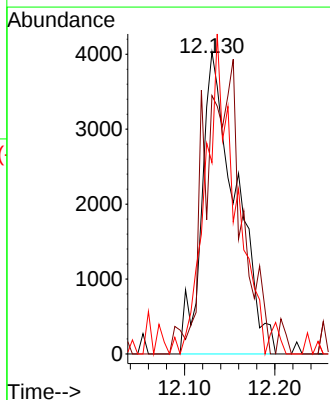
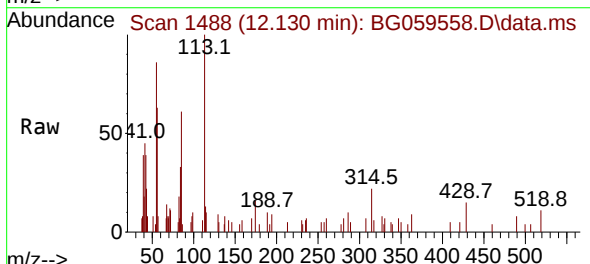
Manual Integrations
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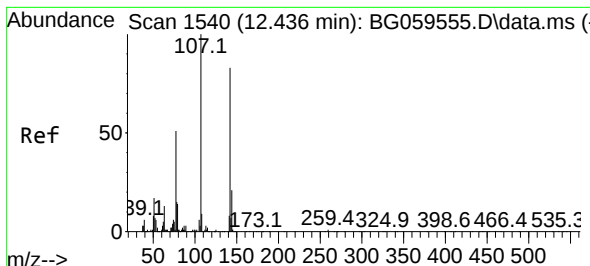
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#34
Caprolactam
Concen: 4.179 ng/ul m
RT: 12.130 min Scan# 1488
Delta R.T. -0.026 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

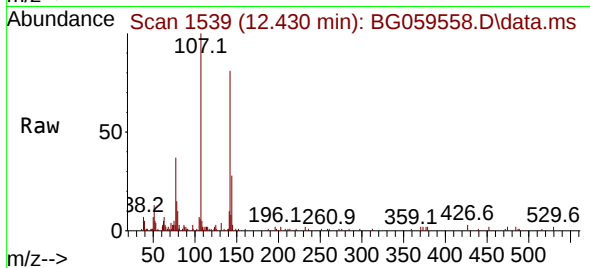
Tgt Ion:113 Resp: 10556
Ion Ratio Lower Upper
113 100
55 85.6 86.9 130.3#
56 63.4 64.4 96.6#





#35
4-Chloro-3-methylphenol
Concen: 4.062 ng/ul
RT: 12.430 min Scan# 1540
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

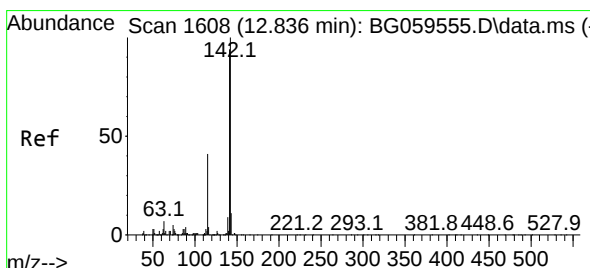
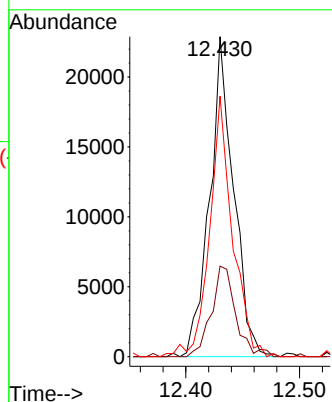
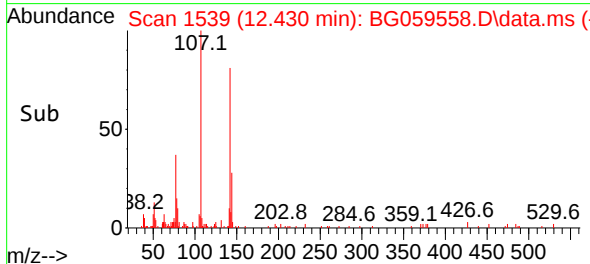
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:107 Resp: 33462
Ion Ratio Lower Upper
107 100
144 28.3 21.0 31.6
142 81.4 68.2 102.4

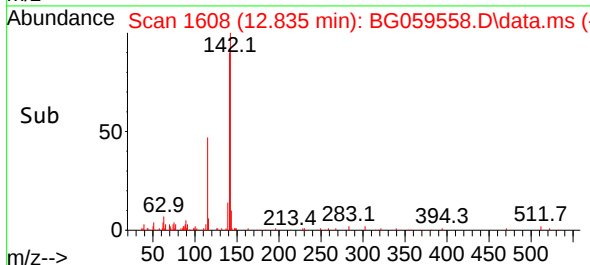
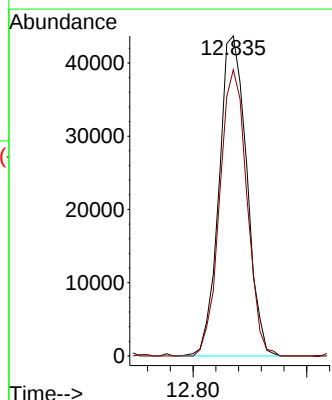
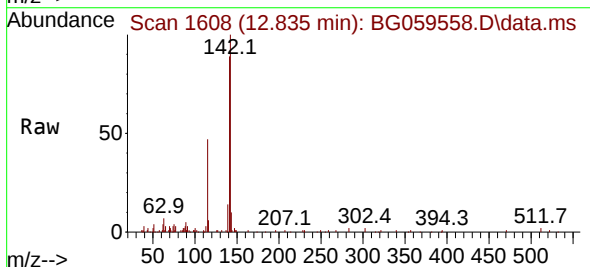
Manual Integrations
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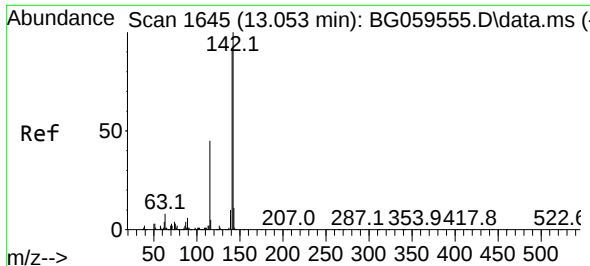
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#36
2-Methylnaphthalene
Concen: 3.877 ng/ul
RT: 12.835 min Scan# 1608
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

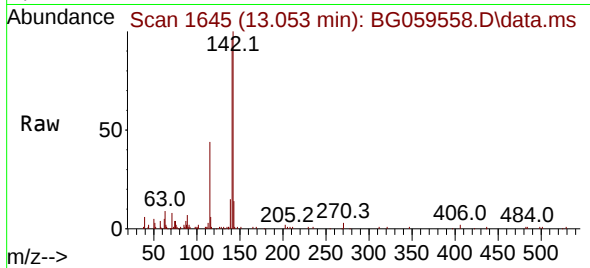
Tgt Ion:142 Resp: 73769
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5





#37
1-Methylnaphthalene
Concen: 3.952 ng/ul
RT: 13.053 min Scan# 1645
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

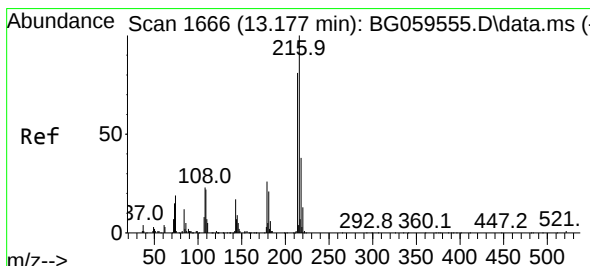
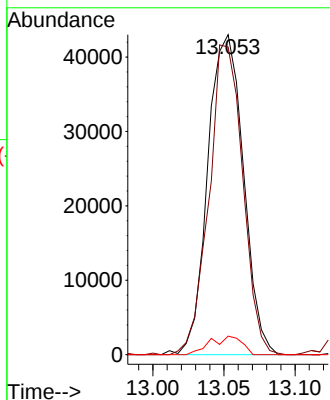
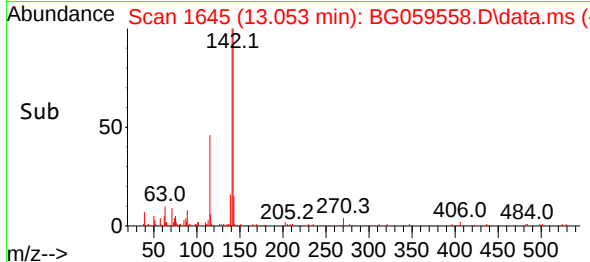
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



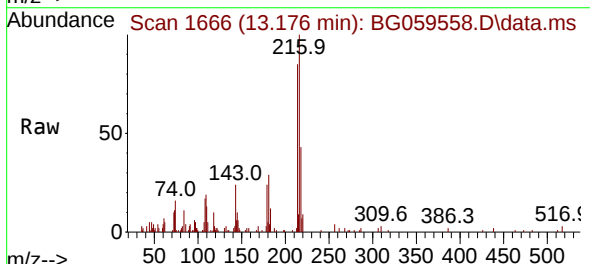
Tgt Ion:142 Resp: 74890
Ion Ratio Lower Upper
142 100
141 96.1 73.1 109.7
116 5.8 3.3 4.9

Manual Integrations
APPROVED

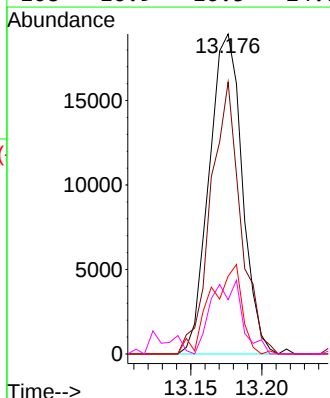
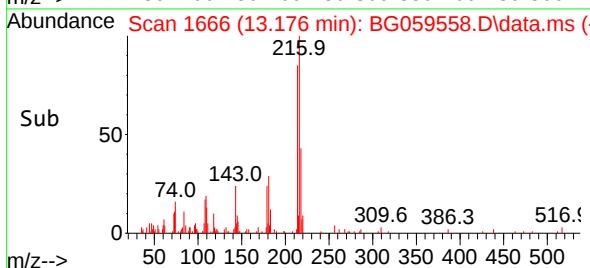
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

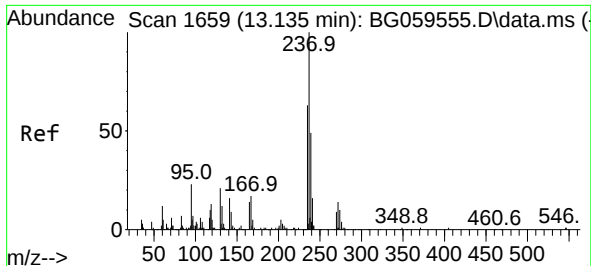


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.807 ng/ul
RT: 13.176 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42



Tgt Ion:216 Resp: 30642
Ion Ratio Lower Upper
216 100
214 84.9 63.7 95.5
179 24.3 19.2 28.8
108 16.9 16.5 24.7





#40

Hexachlorocyclopentadiene

Concen: 3.698 ng/ul

RT: 13.129 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

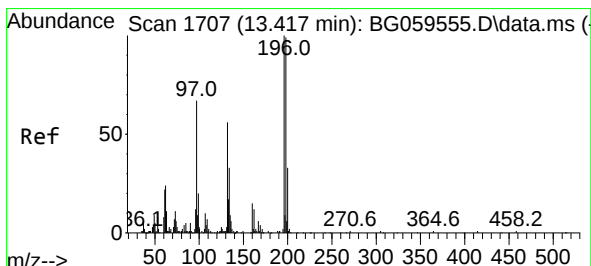
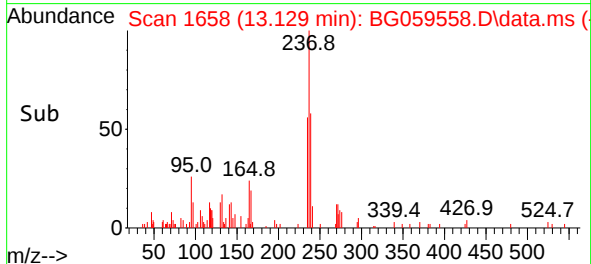
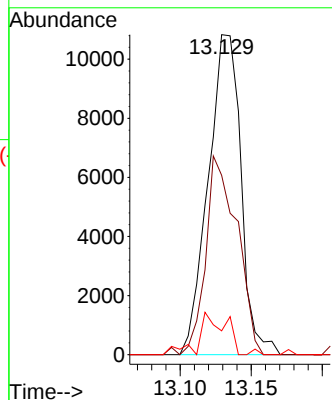
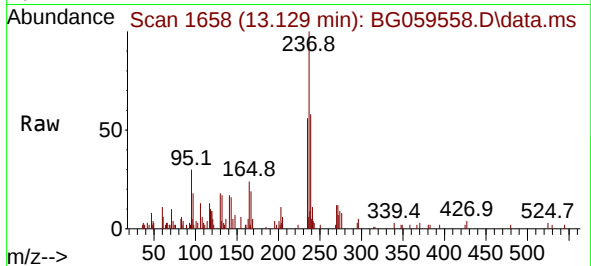
Tgt Ion:	237	Resp:	17349
Ion Ratio	Lower	Upper	
237	100		
235	56.0	46.6	69.8
272	7.4	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#41

2,4,6-Trichlorophenol

Concen: 4.005 ng/ul

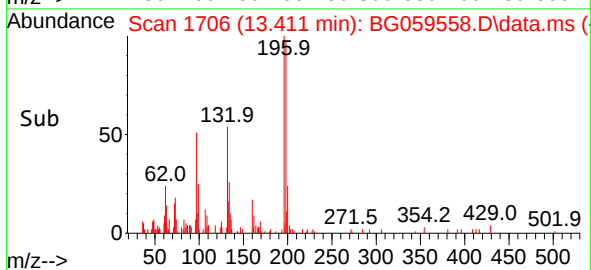
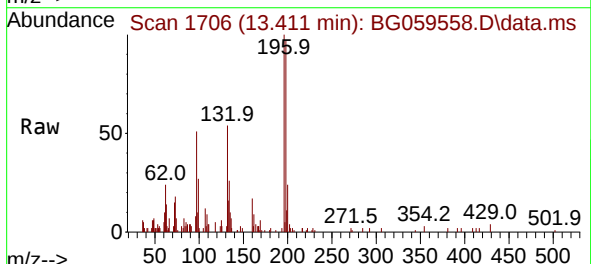
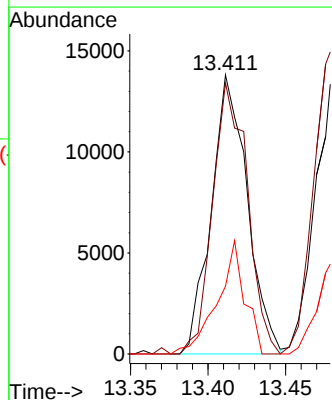
RT: 13.411 min Scan# 1706

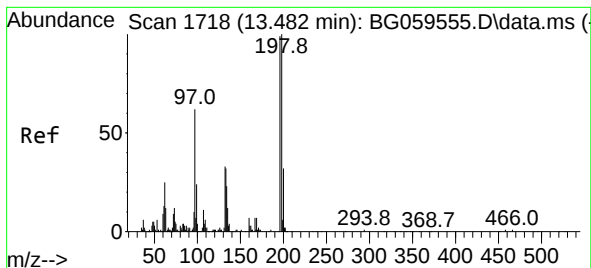
Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

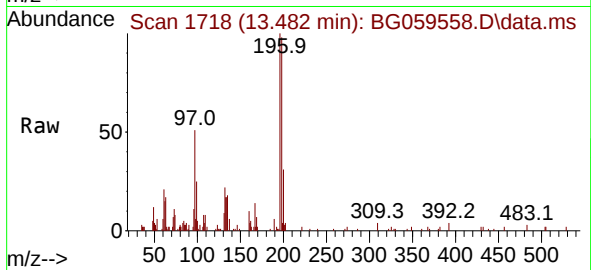
Tgt Ion:	196	Resp:	22322
Ion Ratio	Lower	Upper	
196	100		
198	97.1	69.6	104.4
200	24.2	23.8	35.8





#42
2,4,5-Trichlorophenol
Concen: 3.896 ng/ul
RT: 13.482 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

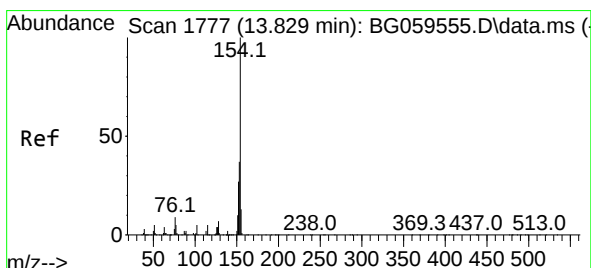
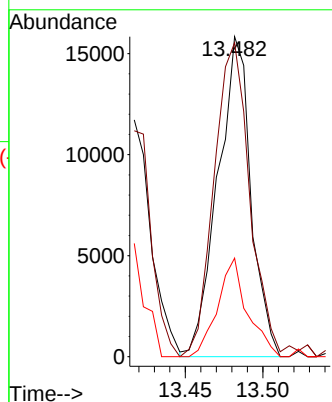
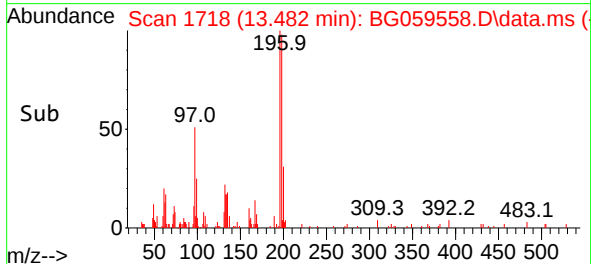
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:196 Resp: 2351
Ion Ratio Lower Upper
196 100
198 98.1 79.8 119.6
200 30.8 28.0 42.0

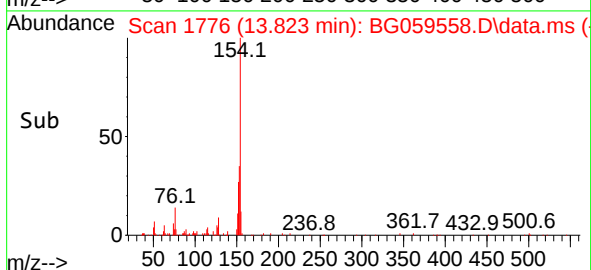
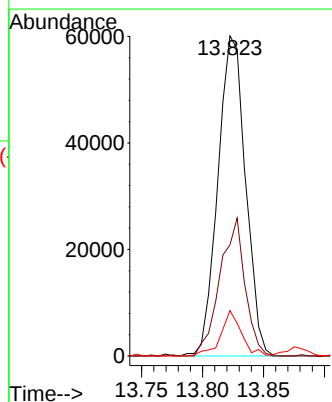
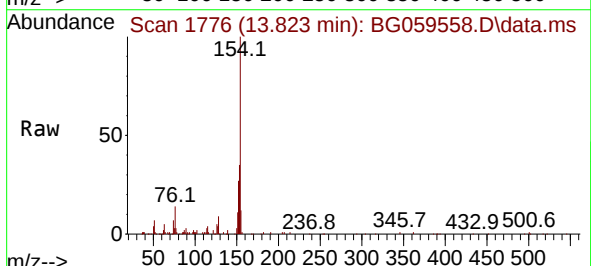
Manual Integrations
APPROVED

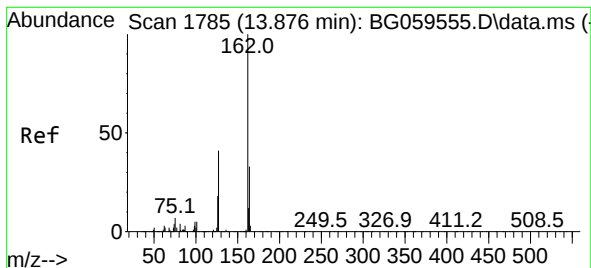
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#43
1,1'-Biphenyl
Concen: 3.761 ng/ul
RT: 13.823 min Scan# 1776
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

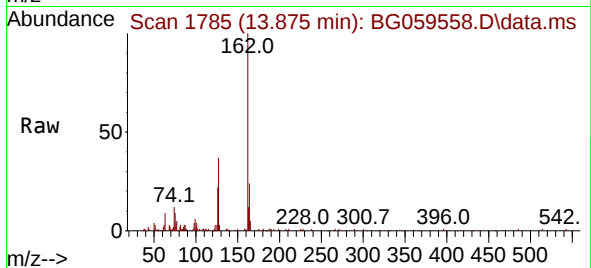
Tgt Ion:154 Resp: 94937
Ion Ratio Lower Upper
154 100
153 34.7 30.7 46.1
76 14.2 8.2 12.4#





#44
2-Chloronaphthalene
Concen: 3.648 ng/ul
RT: 13.875 min Scan# 1785
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

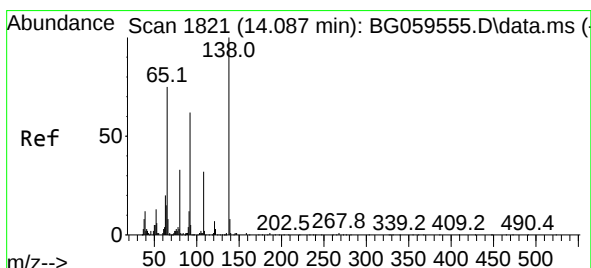
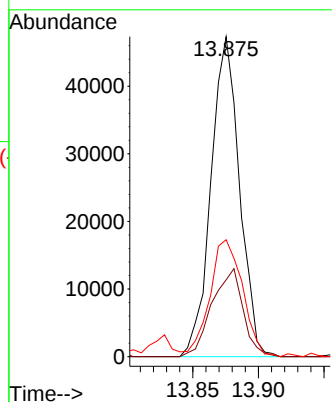
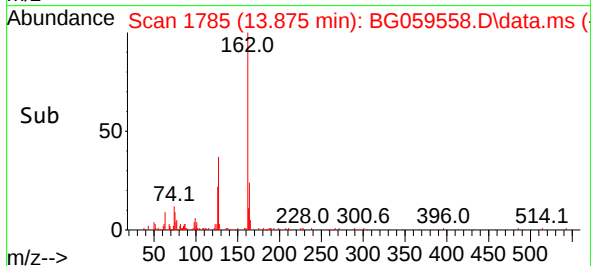
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



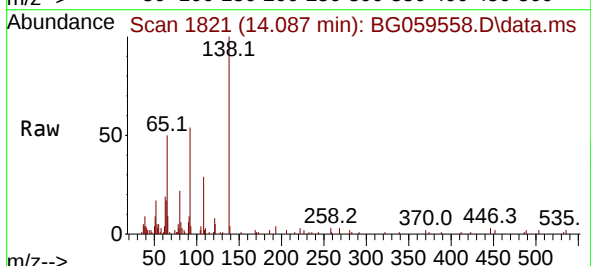
Tgt Ion: 162 Resp: 7157
Ion Ratio Lower Upper
162 100
164 24.0 23.9 35.9
127 36.5 35.3 52.9

Manual Integrations
APPROVED

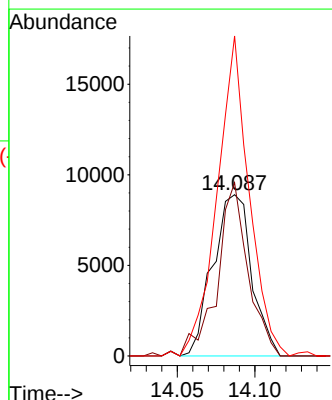
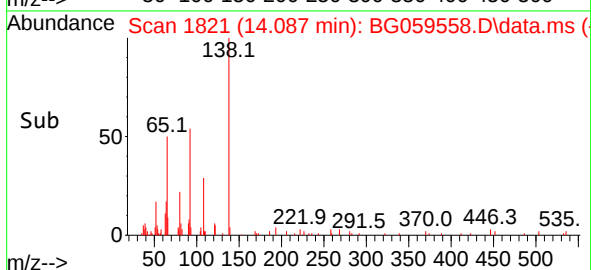
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

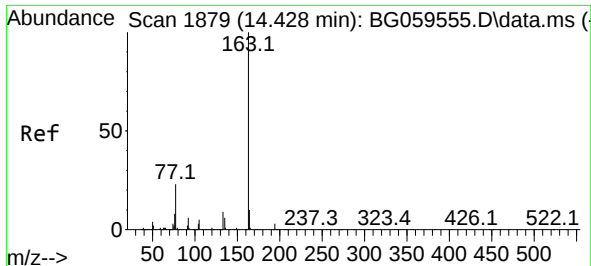


#45
2-Nitroaniline
Concen: 4.233 ng/ul
RT: 14.087 min Scan# 1821
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42



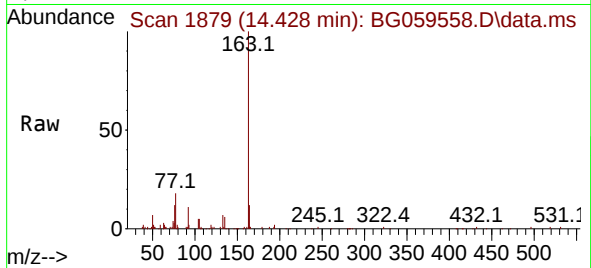
Tgt Ion: 65 Resp: 15456
Ion Ratio Lower Upper
65 100
92 107.4 59.6 89.4#
138 198.3 109.0 163.6#





#47
Dimethylphthalate
Concen: 3.519 ng/ul
RT: 14.428 min Scan# 1879
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

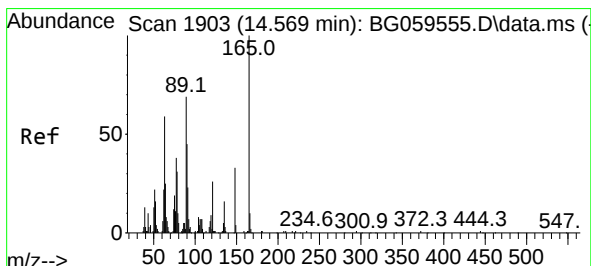
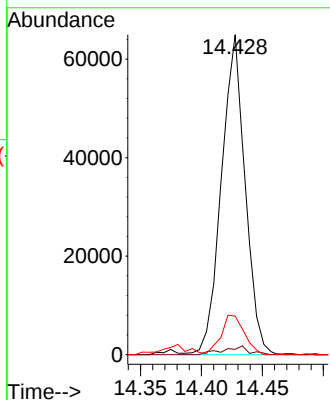
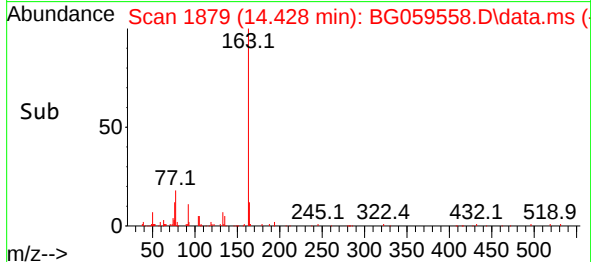
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



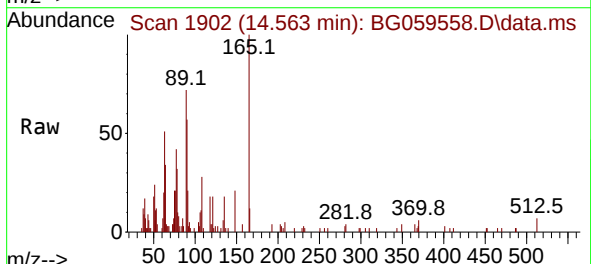
Tgt Ion:163 Resp: 87900
Ion Ratio Lower Upper
163 100
194 1.7 2.6 3.8
164 12.0 6.6 10.0

Manual Integrations
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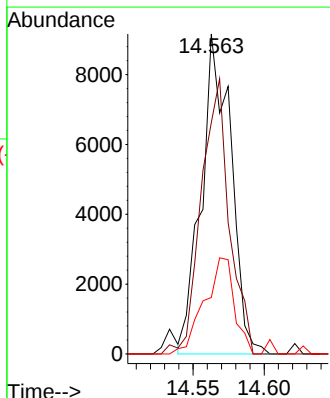
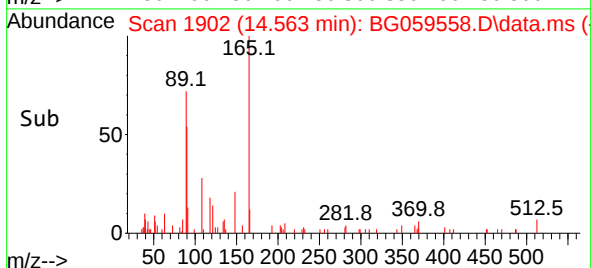
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

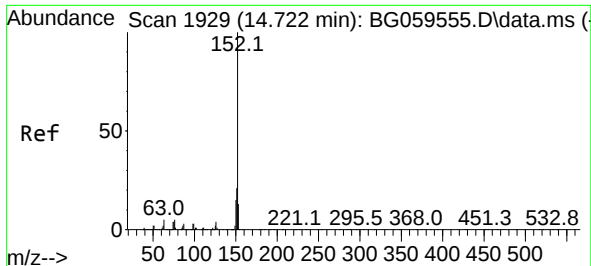


#48
2,6-Dinitrotoluene
Concen: 3.519 ng/ul
RT: 14.563 min Scan# 1902
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42



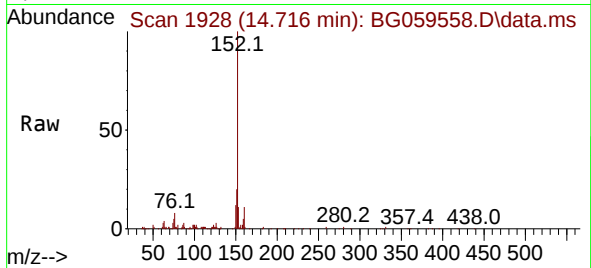
Tgt Ion:165 Resp: 13260
Ion Ratio Lower Upper
165 100
89 72.3 41.0 61.4
121 17.6 12.3 18.5





#50
Acenaphthylene
Concen: 3.610 ng/ul
RT: 14.716 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

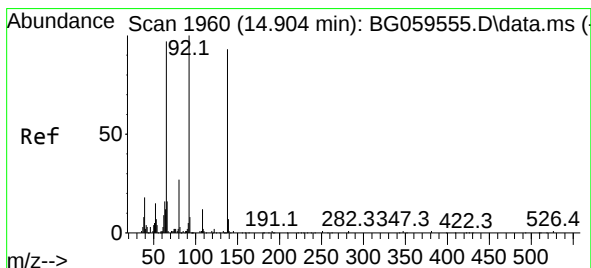
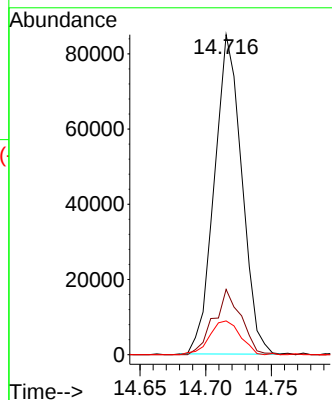
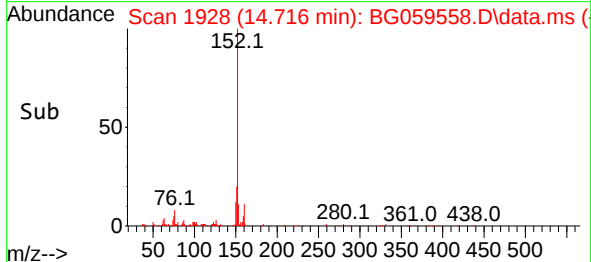
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



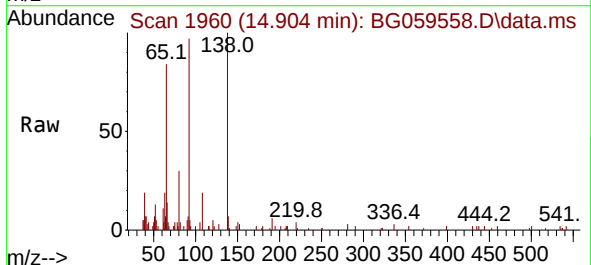
Tgt Ion:152 Resp: 123428
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 10.6 9.4 14.2

Manual Integrations
APPROVED

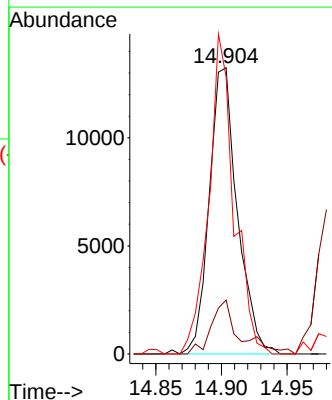
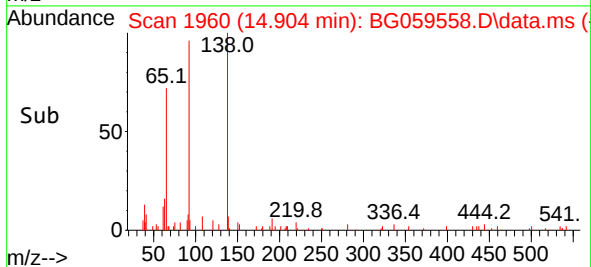
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

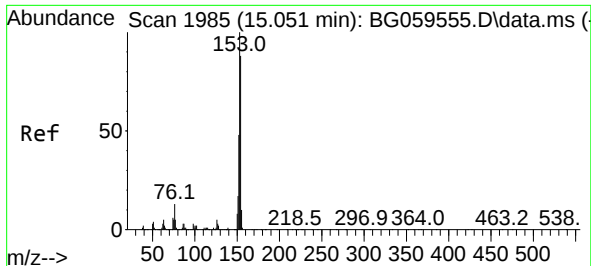


#51
3-Nitroaniline
Concen: 4.216 ng/ul
RT: 14.904 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42



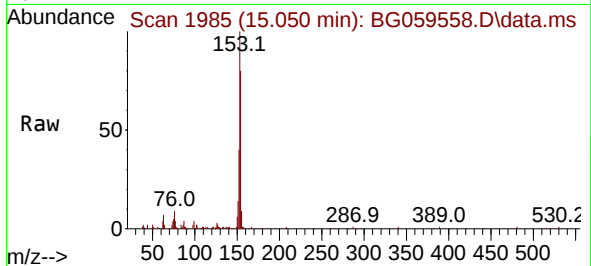
Tgt Ion:138 Resp: 19802
Ion Ratio Lower Upper
138 100
108 18.8 17.1 25.7
92 96.7 101.8 152.8#





#52
Acenaphthene
Concen: 3.548 ng/ul
RT: 15.050 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

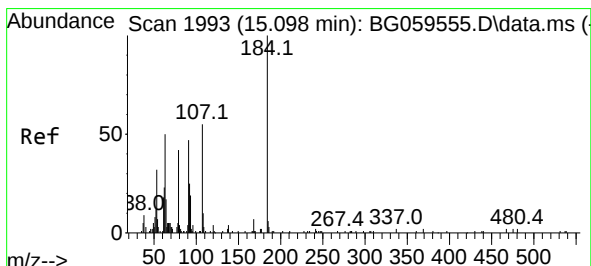
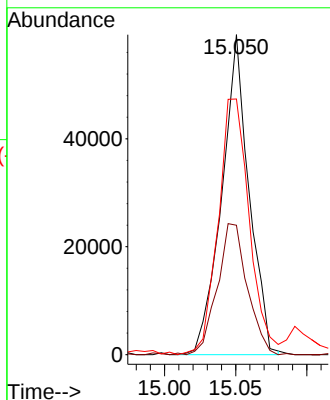
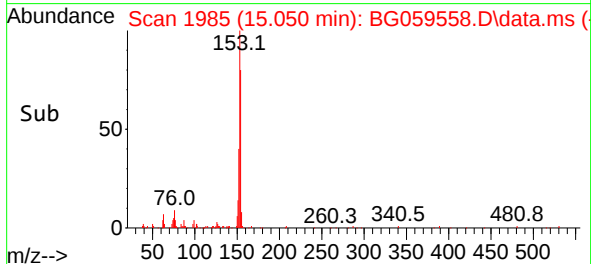
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:153 Resp: 7906
Ion Ratio Lower Upper
153 100
152 40.4 37.6 56.4
154 79.9 69.4 104.0

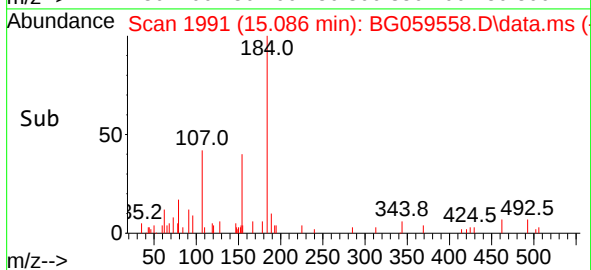
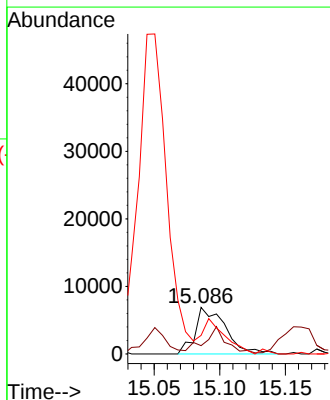
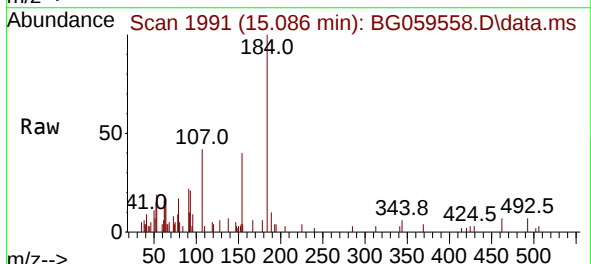
Manual Integrations
APPROVED

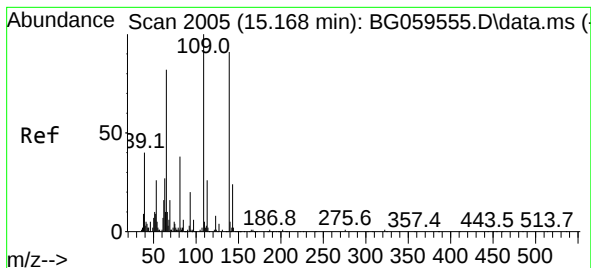
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#53
2,4-Dinitrophenol
Concen: 5.190 ng/ul
RT: 15.086 min Scan# 1991
Delta R.T. -0.015 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

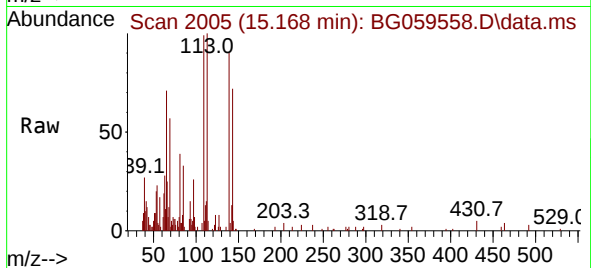
Tgt Ion:184 Resp: 11111
Ion Ratio Lower Upper
184 100
63 17.8 35.0 52.6#
154 39.7 49.8 74.8#





#55
4-Nitrophenol
Concen: 4.528 ng/ul
RT: 15.168 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

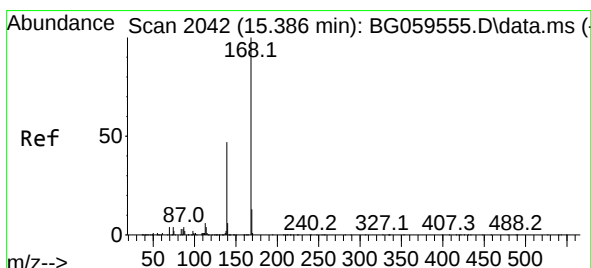
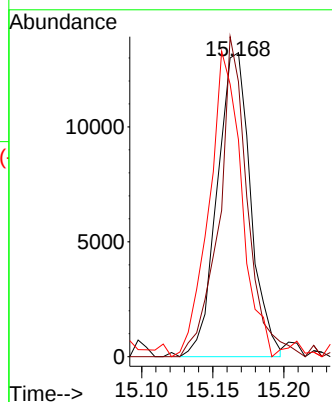
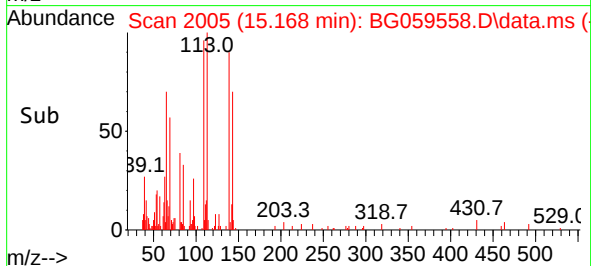
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:109 Resp: 2163
Ion Ratio Lower Upper
109 100
139 90.5 72.2 108.2
65 71.4 57.3 85.9

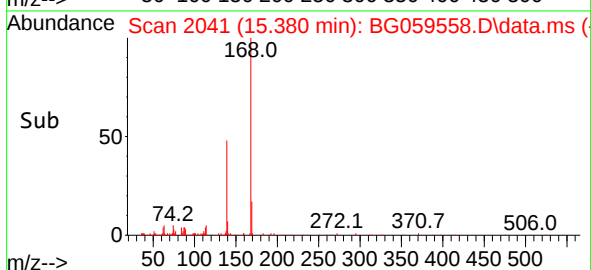
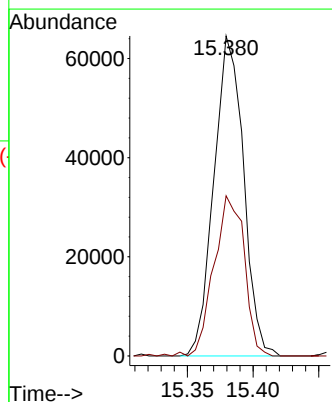
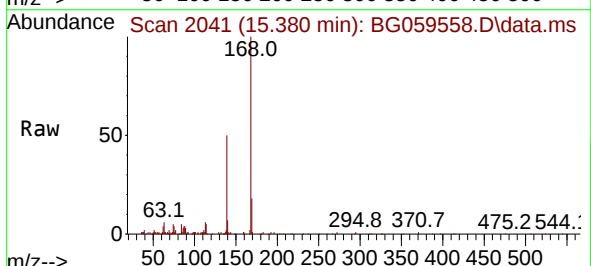
Manual Integrations
APPROVED

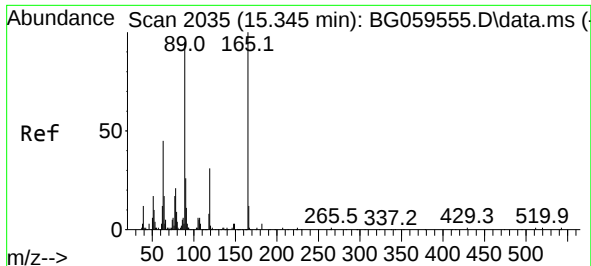
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#56
Dibenzofuran
Concen: 3.501 ng/ul
RT: 15.380 min Scan# 2041
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:168 Resp: 101142
Ion Ratio Lower Upper
168 100
139 50.1 33.8 50.8





#57

2,4-Dinitrotoluene

Concen: 4.419 ng/ul

RT: 15.344 min Scan# 2035

Delta R.T. -0.003 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

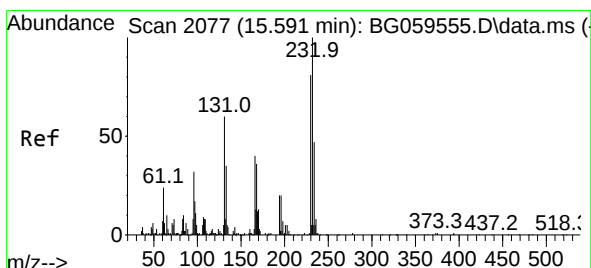
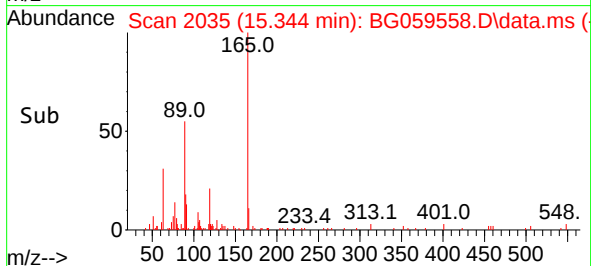
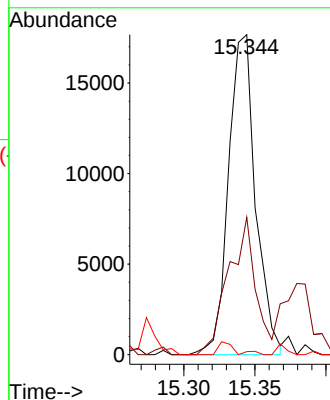
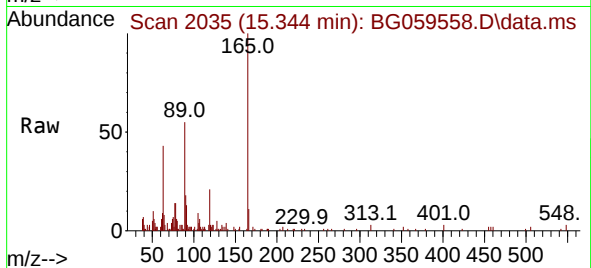
Tgt Ion:	165	Resp:	2342
Ion Ratio	Lower	Upper	
165	100		
63	43.0	30.9	46.3
182	0.9	1.8	2.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.968 ng/ul

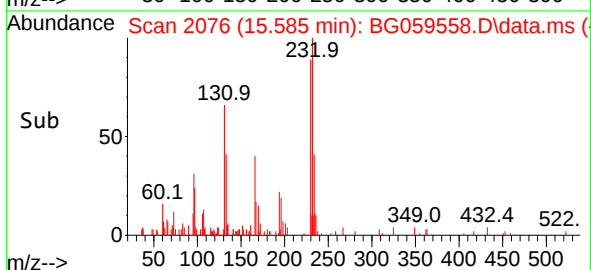
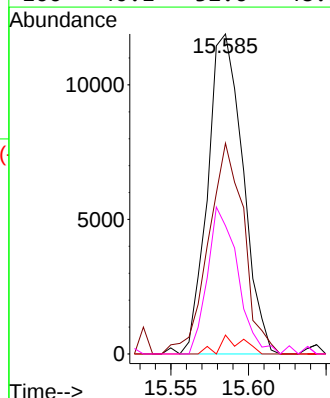
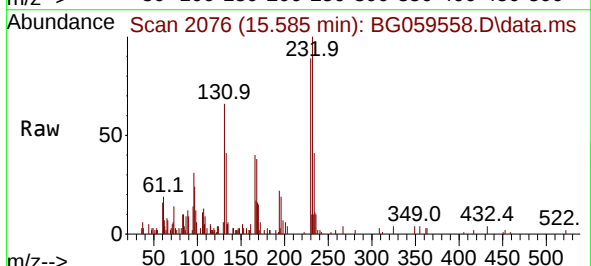
RT: 15.585 min Scan# 2076

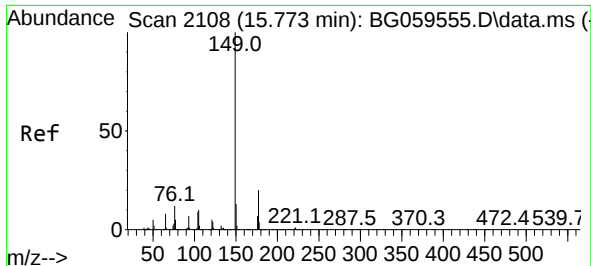
Delta R.T. -0.003 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Tgt Ion:	232	Resp:	18790
Ion Ratio	Lower	Upper	
232	100		
131	65.9	44.2	66.2
130	5.9	2.3	3.5
166	40.1	32.6	48.8





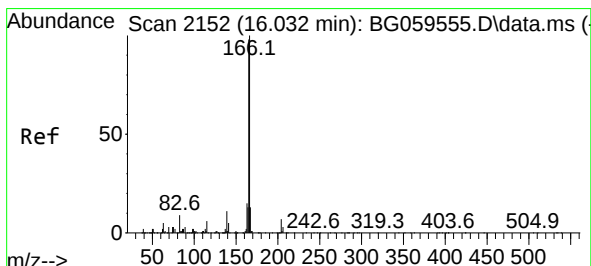
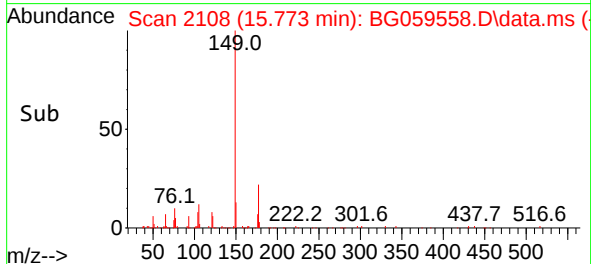
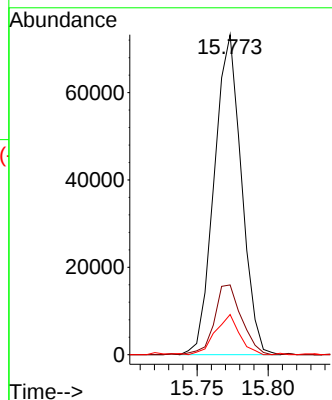
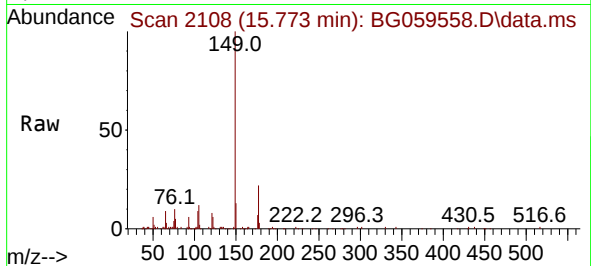
#59
Diethylphthalate
Concen: 3.578 ng/ul
RT: 15.773 min Scan# 2108
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08

Tgt Ion:149 Resp: 97495
Ion Ratio Lower Upper
149 100
177 21.8 16.3 24.5
150 12.5 9.1 13.7

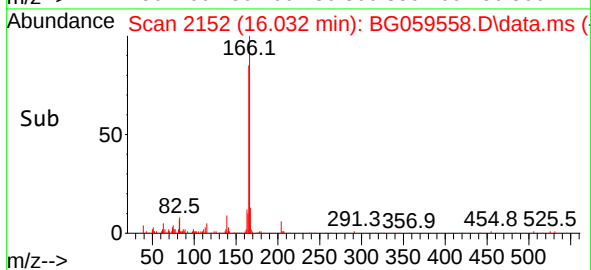
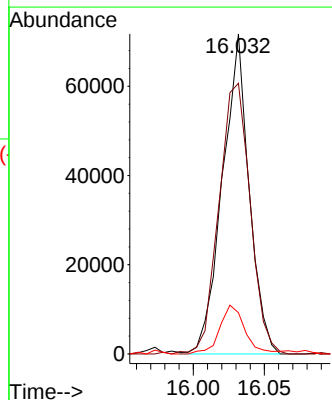
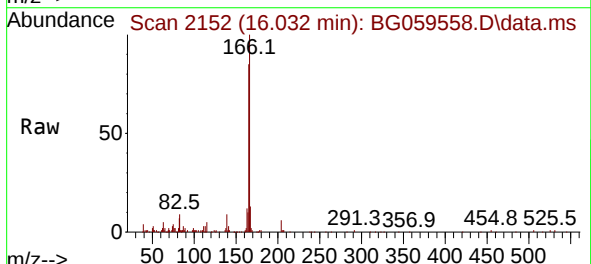
Manual Integrations
APPROVED

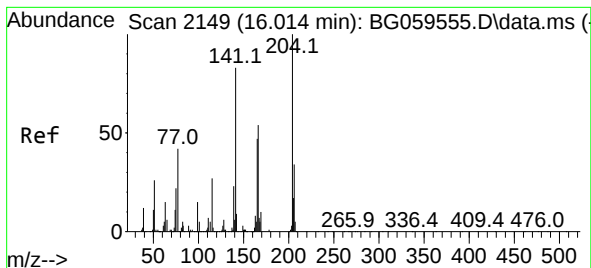
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#61
Fluorene
Concen: 3.752 ng/ul
RT: 16.032 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

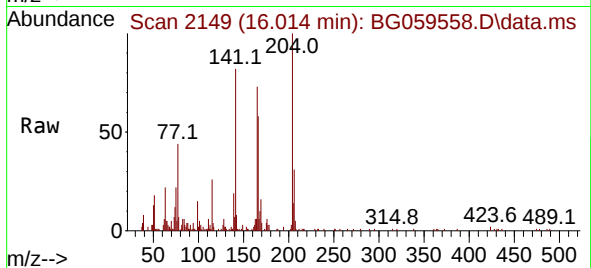
Tgt Ion:166 Resp: 93577
Ion Ratio Lower Upper
166 100
165 84.6 74.4 111.6
167 12.9 9.1 13.7





#62
4-Chlorophenyl-phenylether
Concen: 3.759 ng/ul
RT: 16.014 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

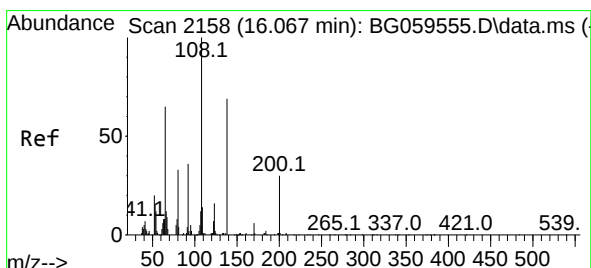
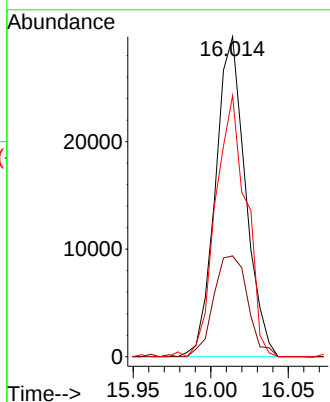
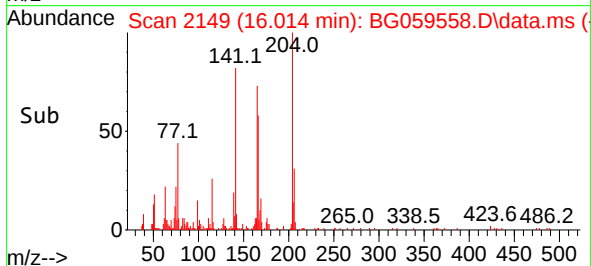
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:204 Resp: 4007
Ion Ratio Lower Upper
204 100
206 31.5 28.8 43.2
141 81.6 68.6 103.0

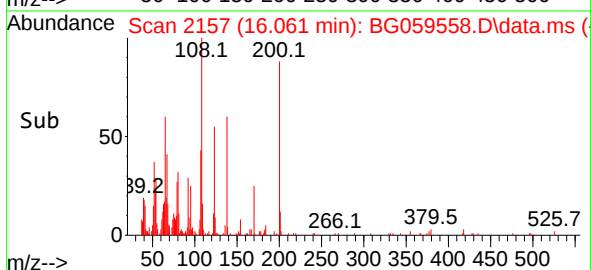
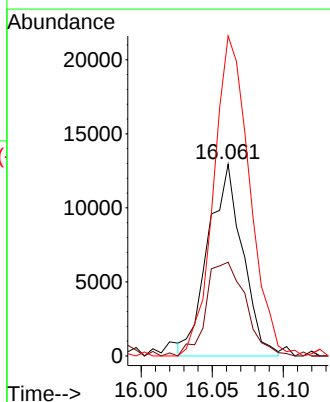
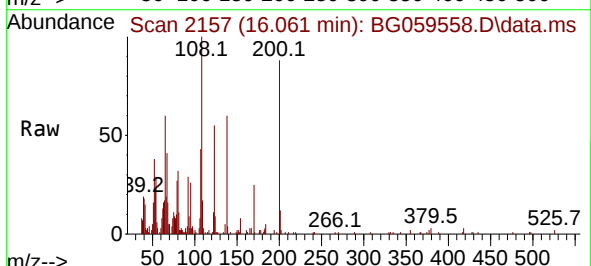
Manual Integrations
APPROVED

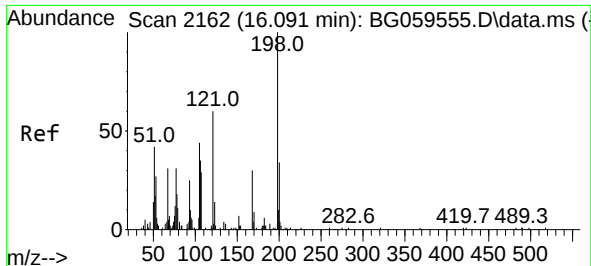
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#63
4-Nitroaniline
Concen: 4.385 ng/ul
RT: 16.061 min Scan# 2157
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:138 Resp: 21858
Ion Ratio Lower Upper
138 100
92 48.9 49.8 74.8#
108 166.9 100.9 151.3#





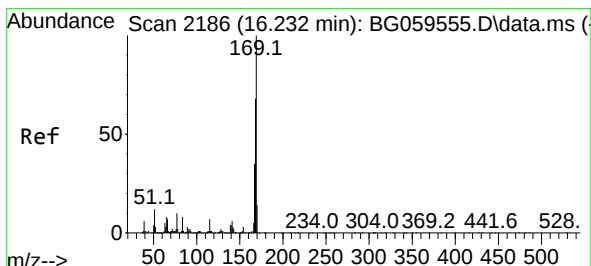
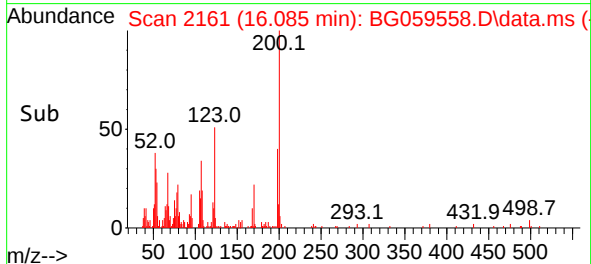
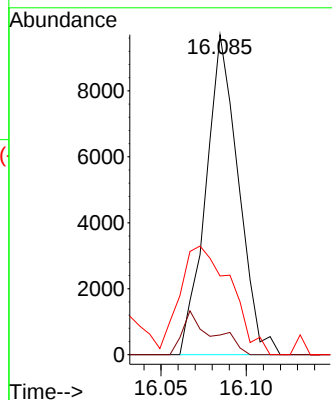
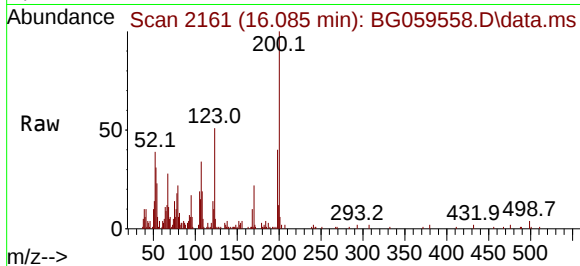
#66
4,6-Dinitro-2-methylphenol
Concen: 4.117 ng/ul
RT: 16.085 min Scan# 2162
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:198 Resp: 12904
Ion Ratio Lower Upper
198 100
182 6.1 1.4 2.0
77 24.6 15.8 23.8

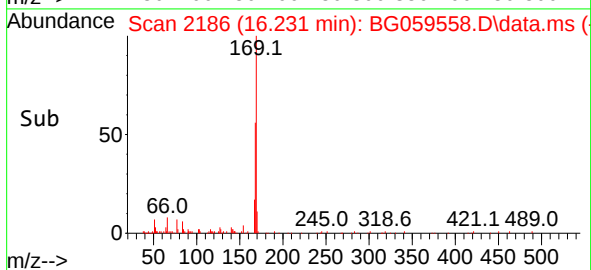
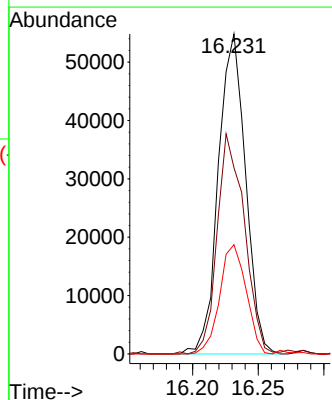
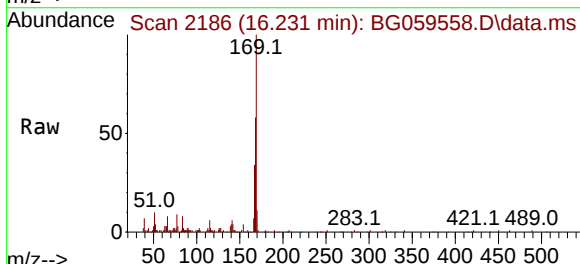
Manual Integrations
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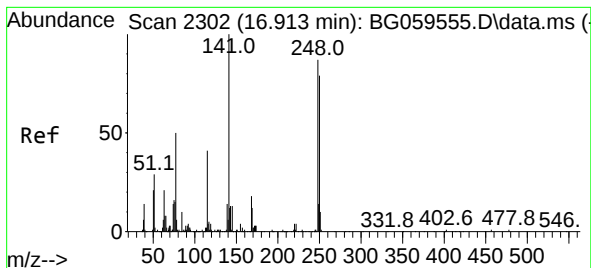
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#67
N-Nitrosodiphenylamine
Concen: 3.676 ng/ul
RT: 16.231 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

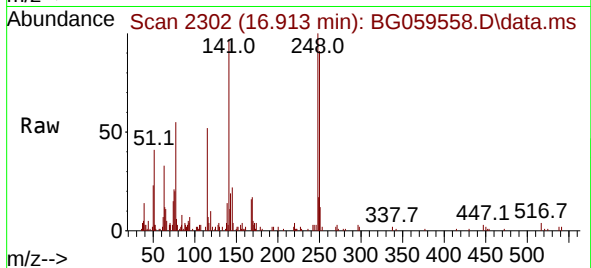
Tgt Ion:169 Resp: 78890
Ion Ratio Lower Upper
169 100
168 58.2 54.2 81.2
167 34.2 31.3 46.9





#68
4-Bromophenyl-phenylether
Concen: 3.527 ng/ul
RT: 16.913 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

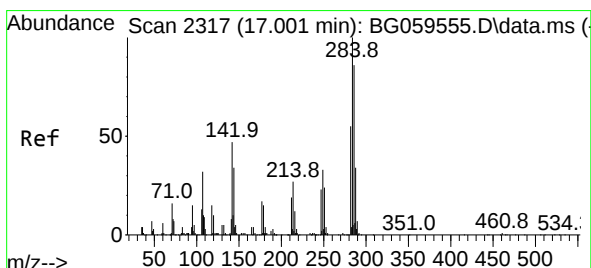
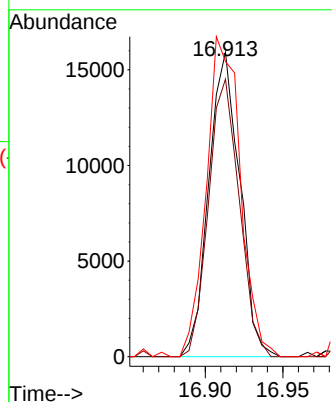
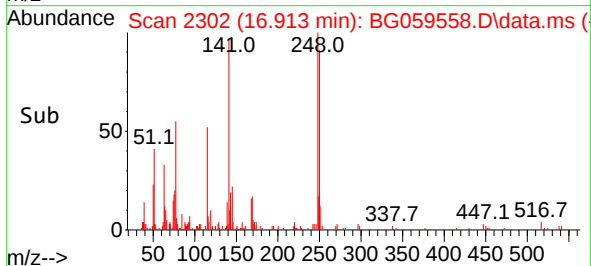
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:248 Resp: 22160
Ion Ratio Lower Upper
248 100
250 103.3 74.2 111.2
141 96.9 88.5 132.7

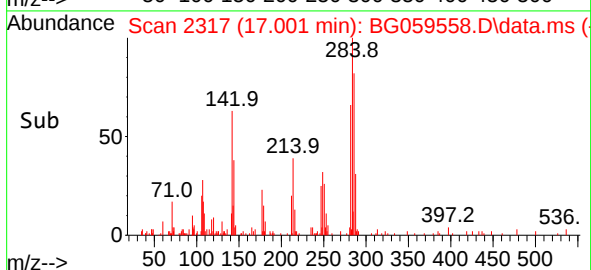
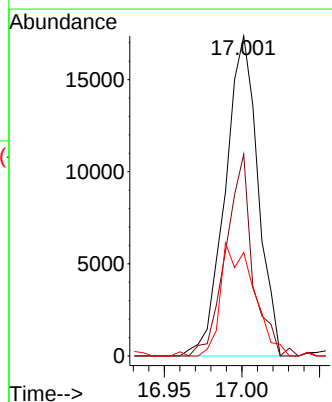
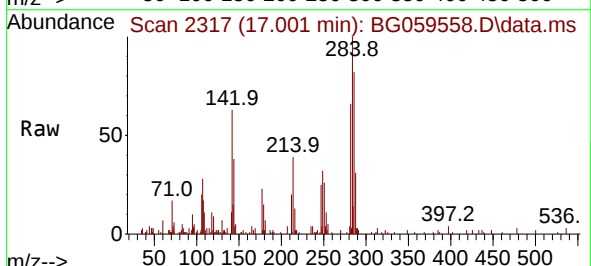
Manual Integrations
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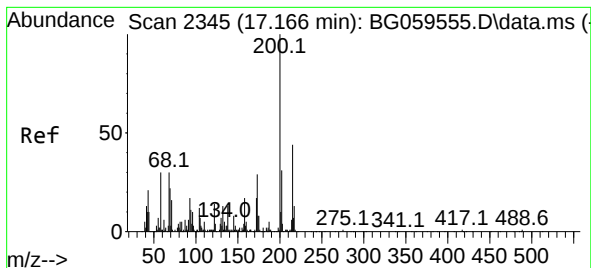
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#69
Hexachlorobenzene
Concen: 3.506 ng/ul
RT: 17.001 min Scan# 2317
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:284 Resp: 25464
Ion Ratio Lower Upper
284 100
142 55.5 39.6 59.4
249 28.4 28.2 42.2





#70

Atrazine

Concen: 4.269 ng/ul m

RT: 17.166 min Scan# 2345

Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

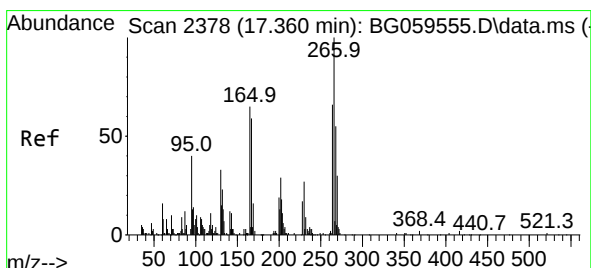
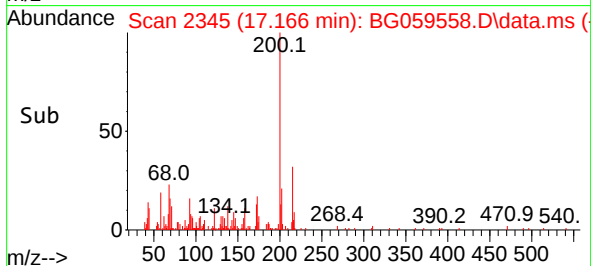
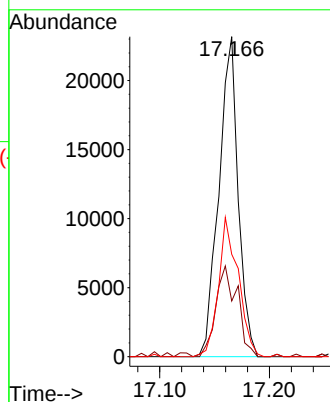
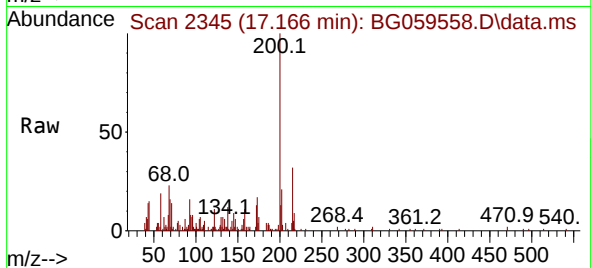
Tgt Ion:	200	Resp:	2838
Ion Ratio	Lower	Upper	
200	100		
173	17.4	25.7	38.5
215	32.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#71

Pentachlorophenol

Concen: 4.352 ng/ul m

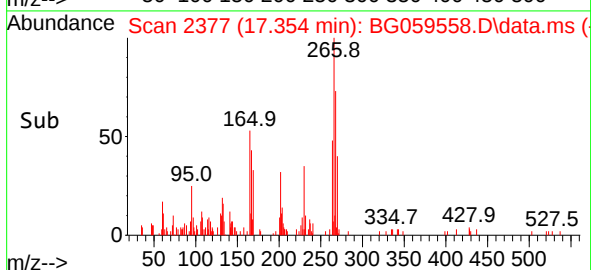
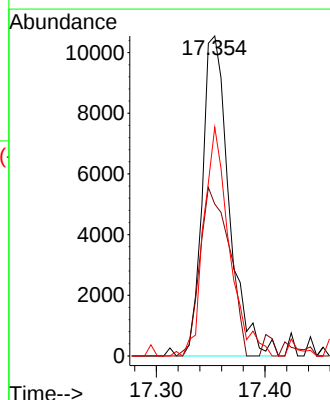
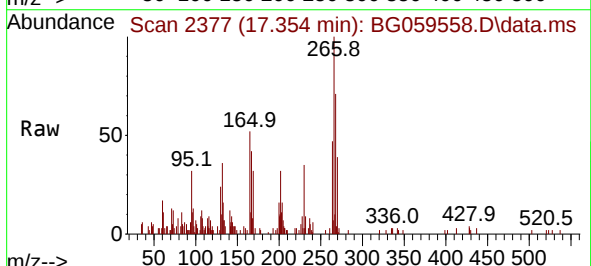
RT: 17.354 min Scan# 2377

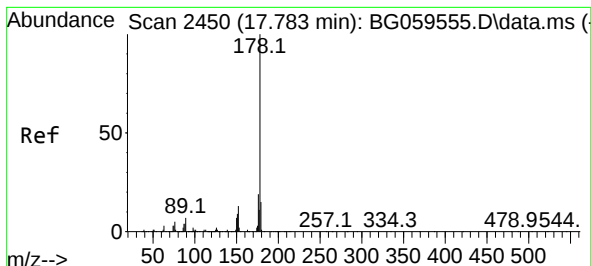
Delta R.T. -0.003 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Tgt Ion:	266	Resp:	18056
Ion Ratio	Lower	Upper	
266	100		
264	47.5	46.2	69.2
268	71.5	46.4	69.6





#72

Phenanthrene

Concen: 3.620 ng/ul

RT: 17.777 min Scan# 2449

Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

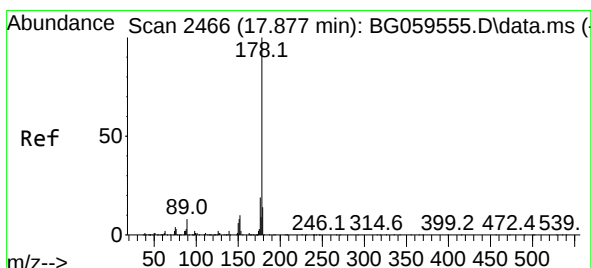
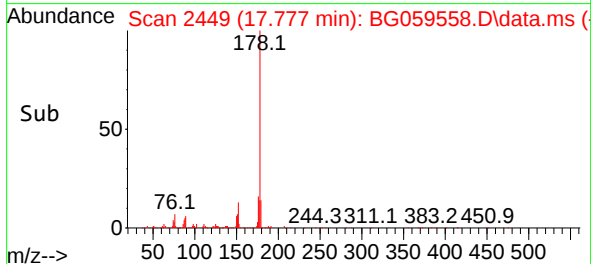
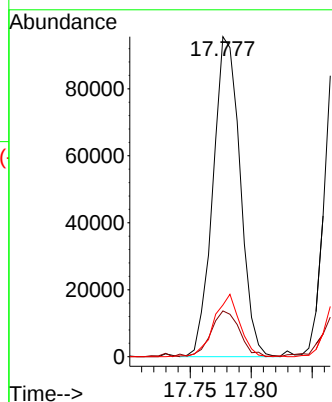
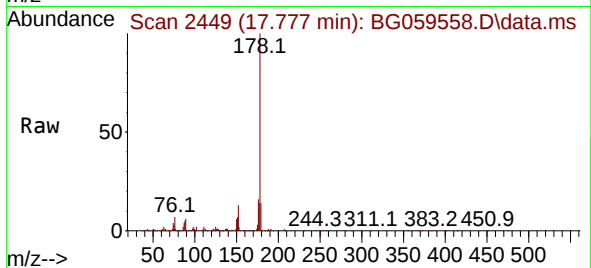
Tgt Ion:178	Resp: 14779
Ion Ratio	Lower Upper
178	100
179	14.3 11.3 16.9
176	16.2 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#74

Anthracene

Concen: 3.500 ng/ul

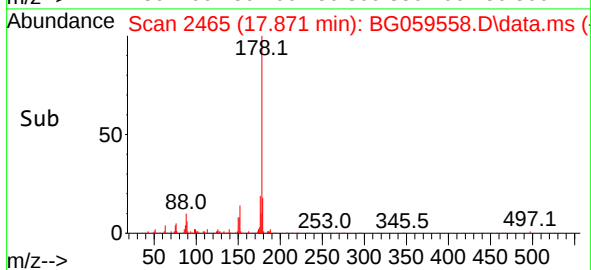
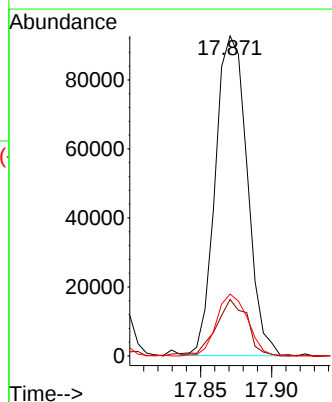
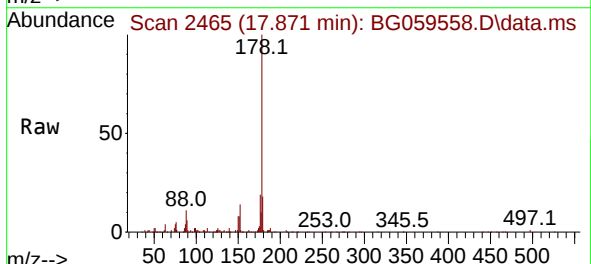
RT: 17.871 min Scan# 2465

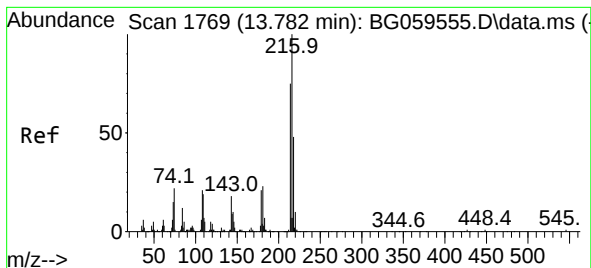
Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

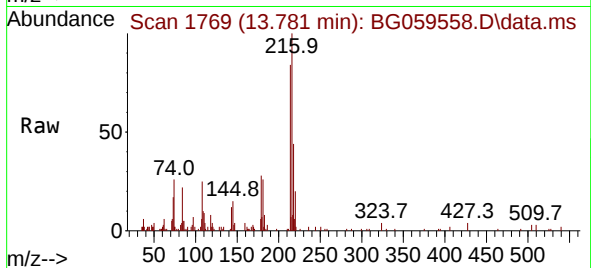
Tgt Ion:178	Resp: 144290
Ion Ratio	Lower Upper
178	100
179	17.6 13.1 19.7
176	19.4 13.9 20.9





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.468 ng/uL
RT: 13.781 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

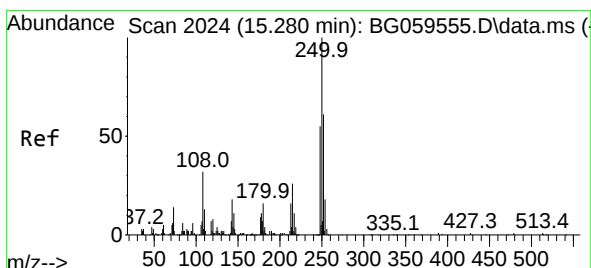
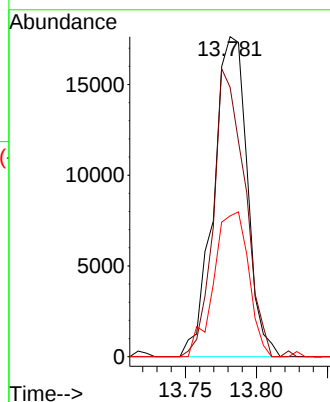
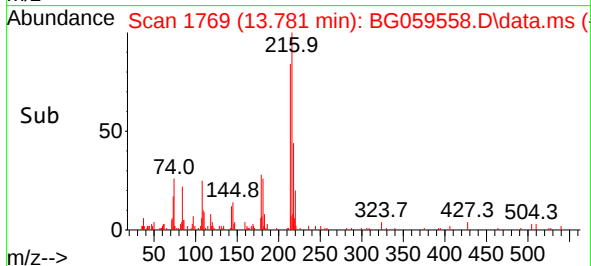
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:216 Resp: 2900
Ion Ratio Lower Upper
216 100
214 84.2 70.2 105.2
218 44.0 39.9 59.9

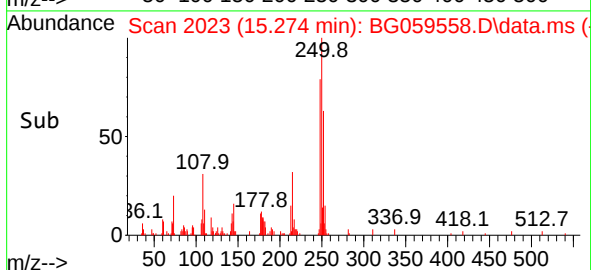
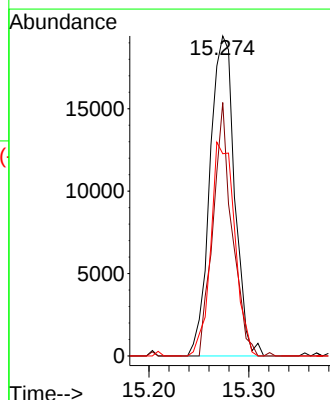
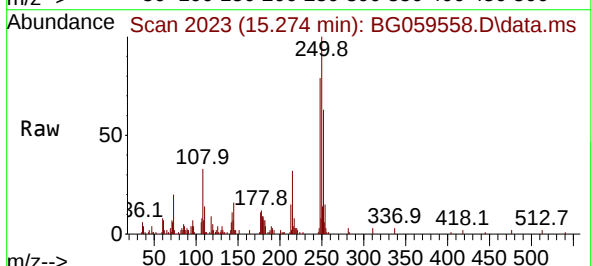
Manual Integrations
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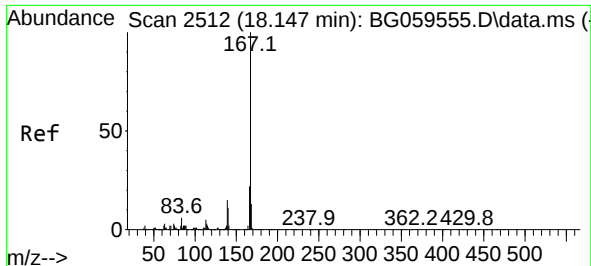
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#76
Pentachlorobenzene
Concen: 4.194 ng/uL m
RT: 15.274 min Scan# 2023
Delta R.T. -0.009 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

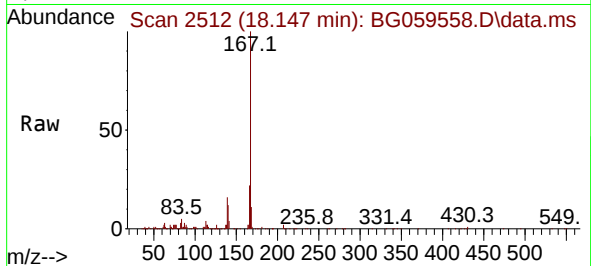
Tgt Ion:250 Resp: 33287
Ion Ratio Lower Upper
250 100
248 79.2 48.7 73.1#
252 63.2 51.2 76.8





#77
 Carbazole
 Concen: 3.799 ng/ul
 RT: 18.147 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: BG059558.D
 Acq: 31 Oct 2023 11:42

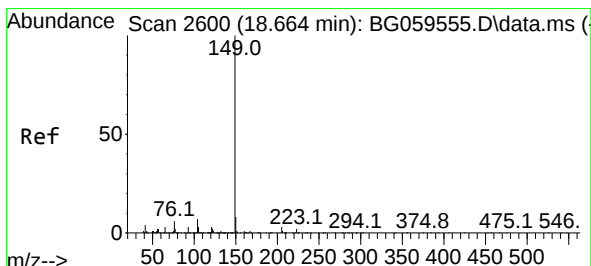
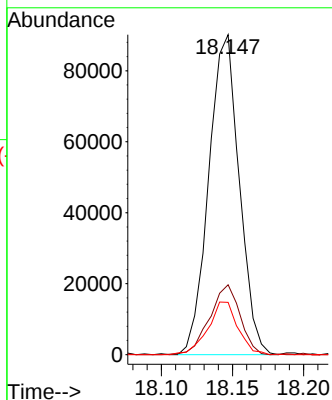
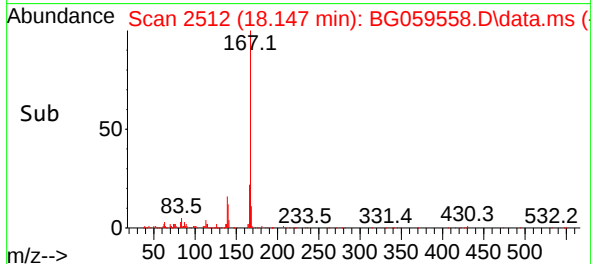
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT4-2023-08



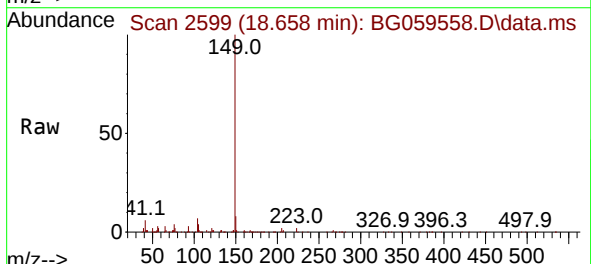
Tgt Ion:167 Resp: 134528
 Ion Ratio Lower Upper
 167 100
 166 21.9 19.4 29.2
 139 16.3 11.7 17.5

Manual Integrations
 APPROVED

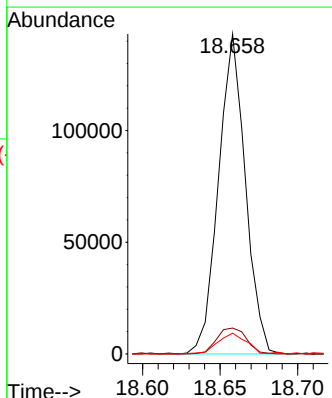
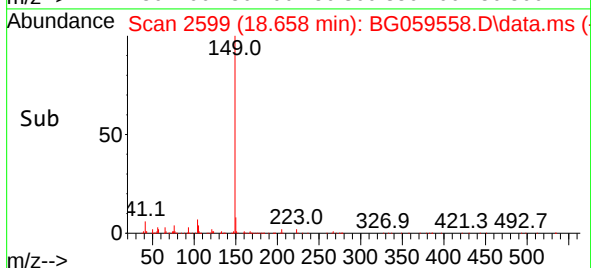
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

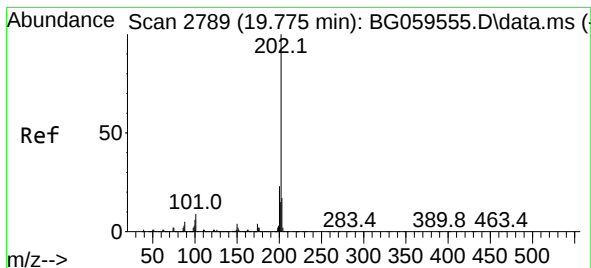


#78
 Di-n-butylphthalate
 Concen: 3.543 ng/ul
 RT: 18.658 min Scan# 2599
 Delta R.T. -0.009 min
 Lab File: BG059558.D
 Acq: 31 Oct 2023 11:42



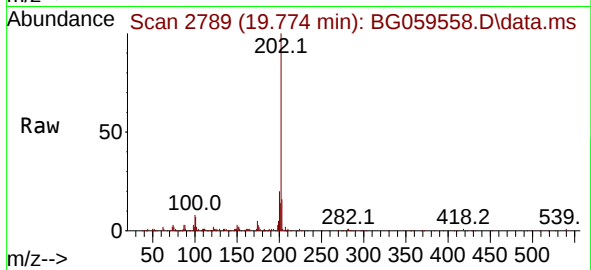
Tgt Ion:149 Resp: 172399
 Ion Ratio Lower Upper
 149 100
 150 8.1 7.5 11.3
 104 6.5 5.3 7.9





#80
Fluoranthene
Concen: 3.601 ng/u1
RT: 19.774 min Scan# 2789
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

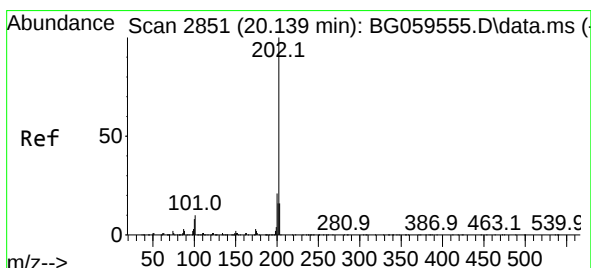
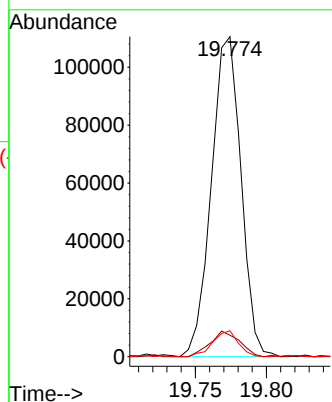
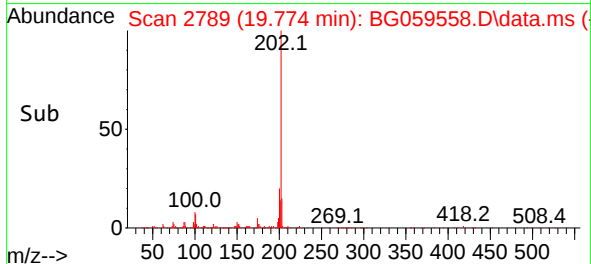
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



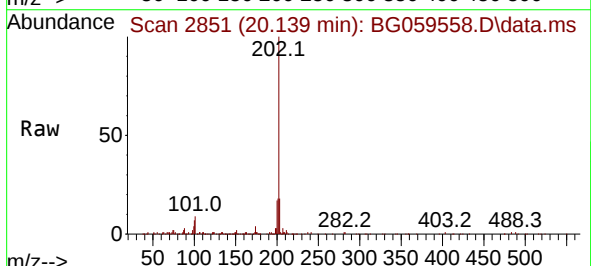
Tgt Ion:202 Resp: 160235
Ion Ratio Lower Upper
202 100
101 6.7 7.0 10.6
100 8.1 5.2 7.8

Manual Integrations
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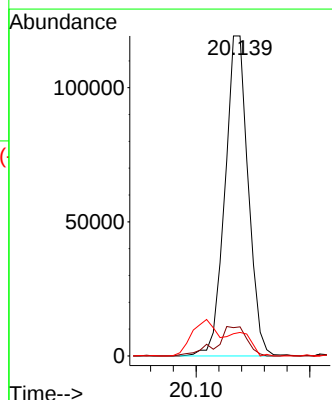
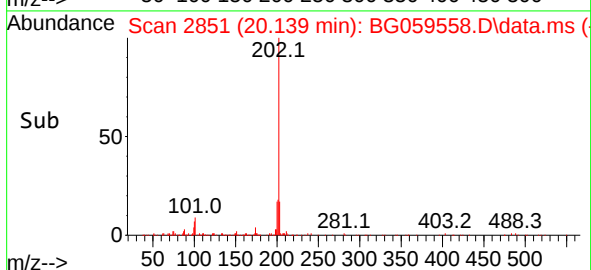
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

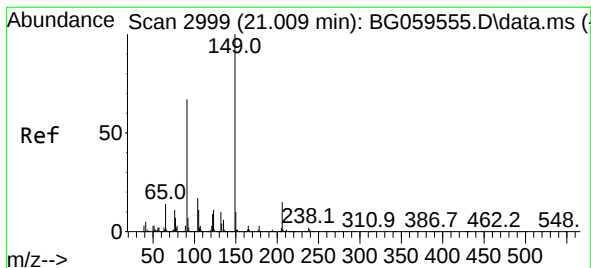


#82
Pyrene
Concen: 3.655 ng/u1
RT: 20.139 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42



Tgt Ion:202 Resp: 168953
Ion Ratio Lower Upper
202 100
101 9.1 7.9 11.9
100 7.3 7.9 11.9#





#83

Butylbenzylphthalate

Concen: 3.620 ng/ul

RT: 21.002 min Scan# 2999

Delta R.T. -0.015 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

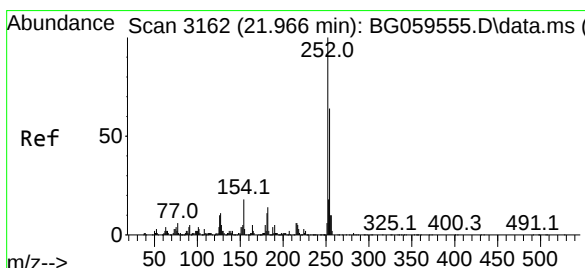
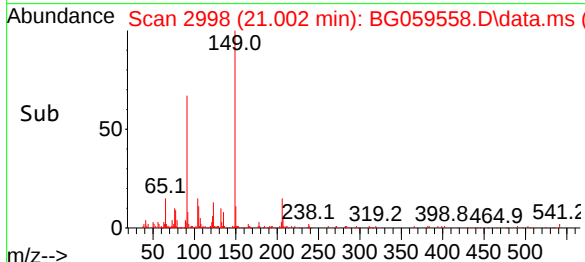
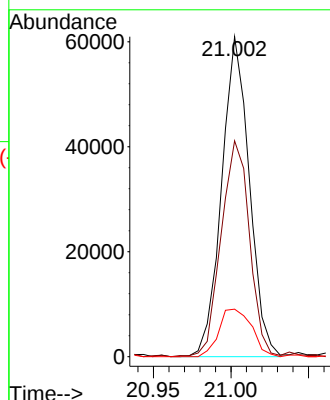
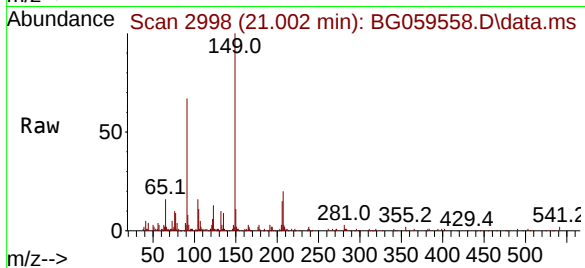
Tgt Ion:	149	Resp:	7556
Ion Ratio	Lower	Upper	
149	100		
91	67.5	52.2	78.2
206	14.8	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.170 ng/ul

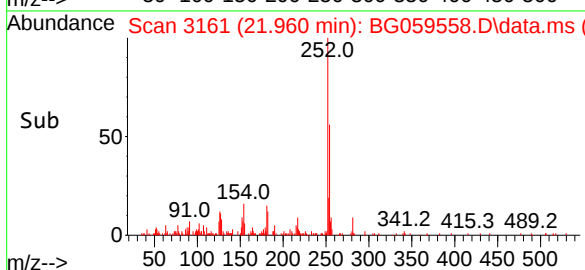
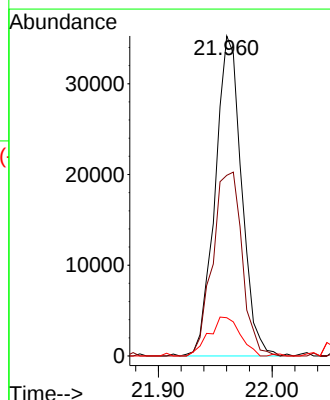
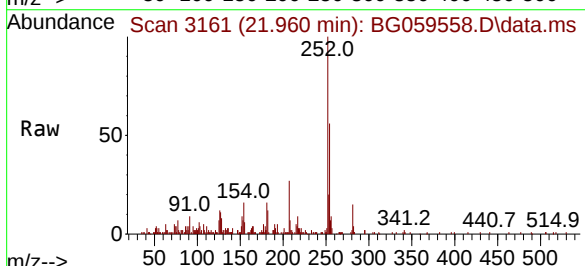
RT: 21.960 min Scan# 3161

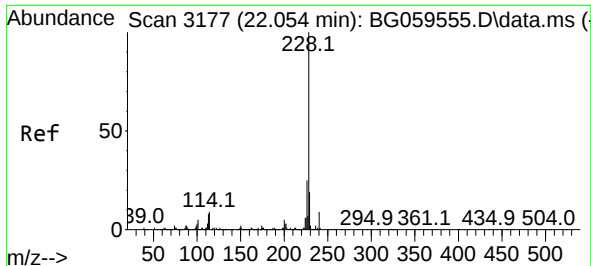
Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

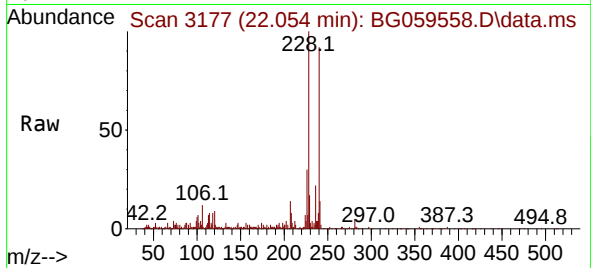
Tgt Ion:	252	Resp:	56962
Ion Ratio	Lower	Upper	
252	100		
254	56.4	48.9	73.3
126	11.9	11.5	17.3





#85
Benzo(a)anthracene
Concen: 3.582 ng/ul
RT: 22.054 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

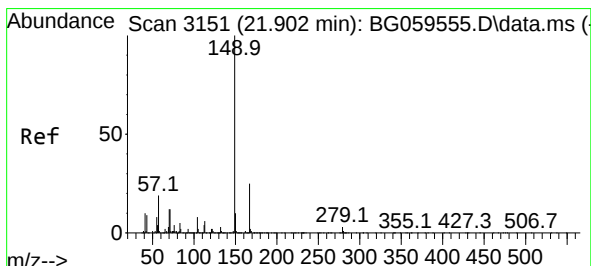
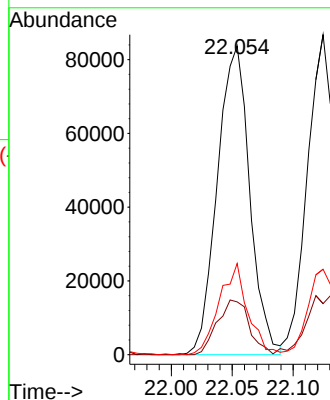
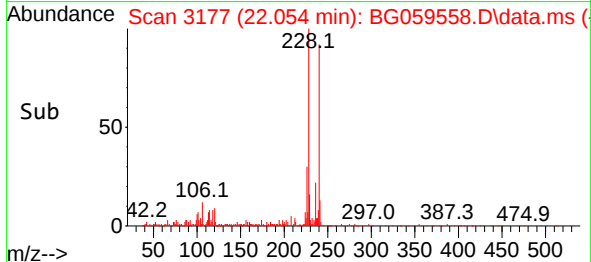
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:228 Resp: 15483
Ion Ratio Lower Upper
228 100
229 17.1 16.7 25.1
226 29.6 20.3 30.5

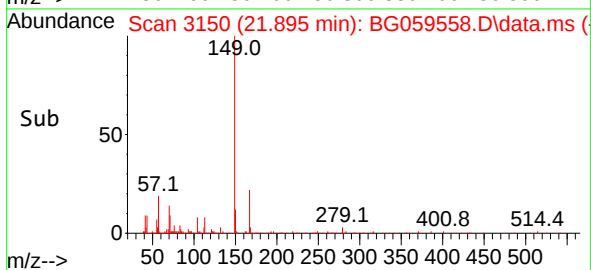
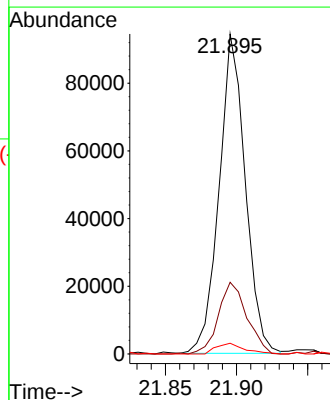
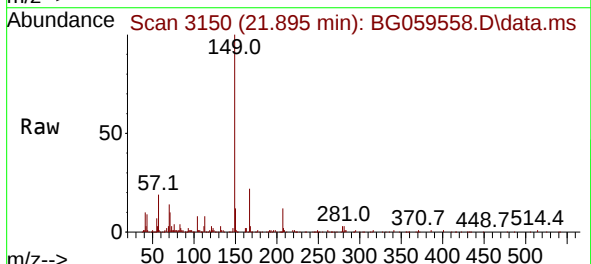
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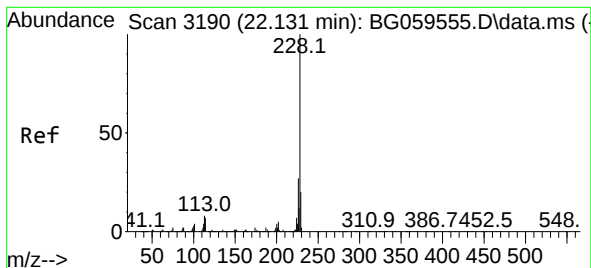
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.872 ng/ul
RT: 21.895 min Scan# 3150
Delta R.T. -0.021 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:149 Resp: 120620
Ion Ratio Lower Upper
149 100
167 22.4 19.4 29.2
279 3.3 2.2 3.4





#87

Chrysene

Concen: 3.646 ng/ul

RT: 22.125 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

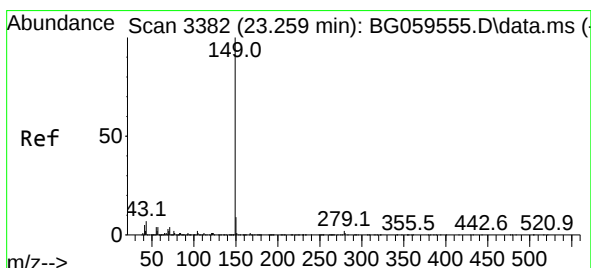
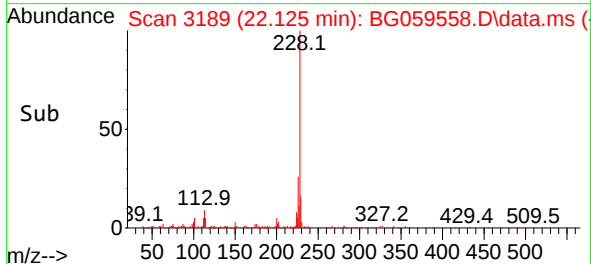
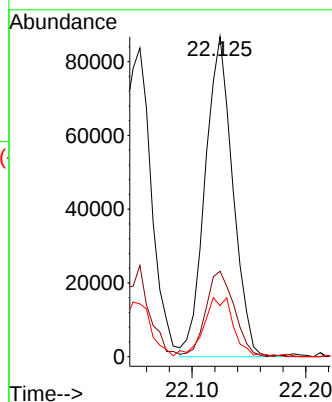
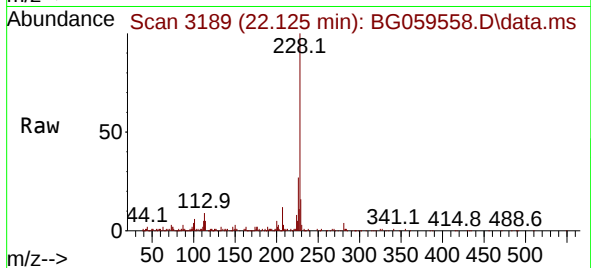
Tgt Ion:228 Resp: 146600
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.0 31.4
 229 16.0 15.1 22.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#89

Di-n-octyl phthalate

Concen: 3.992 ng/ul

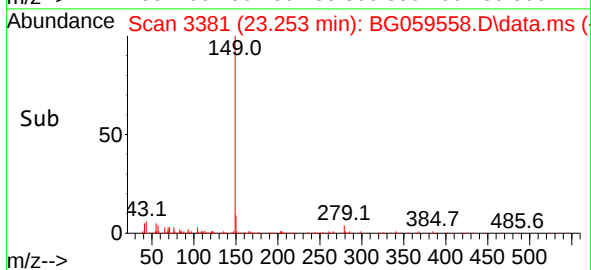
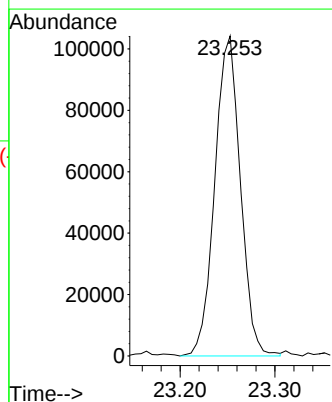
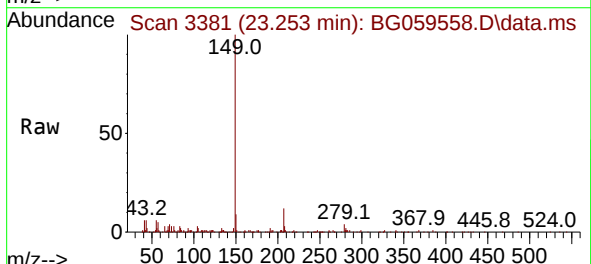
RT: 23.253 min Scan# 3381

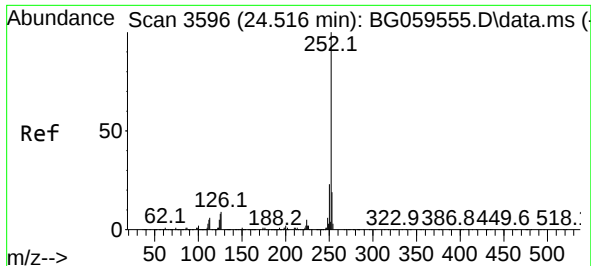
Delta R.T. -0.021 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

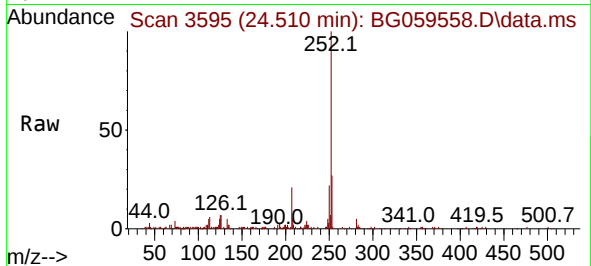
Tgt Ion:149 Resp: 195379





#90
Benzo(b)fluoranthene
Concen: 3.623 ng/ul m
RT: 24.510 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

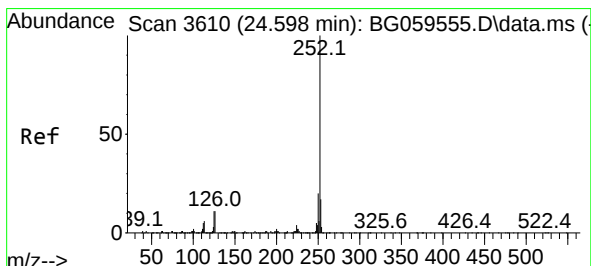
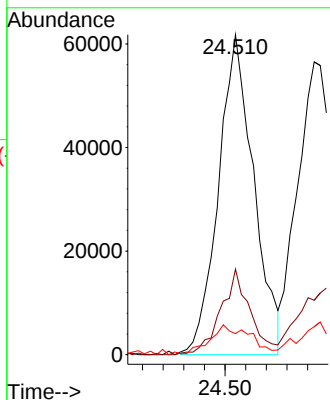
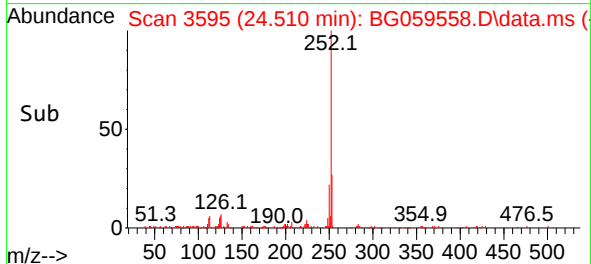
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:252 Resp: 14683
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.8
125 6.6 8.6 13.0

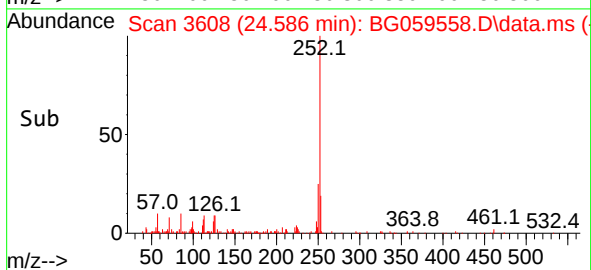
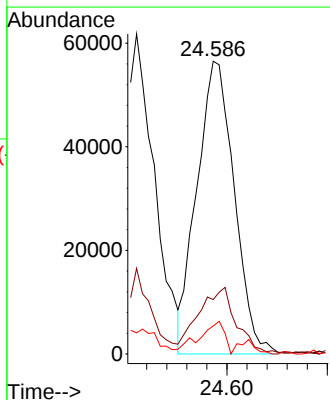
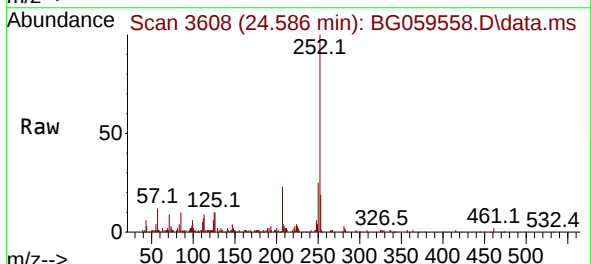
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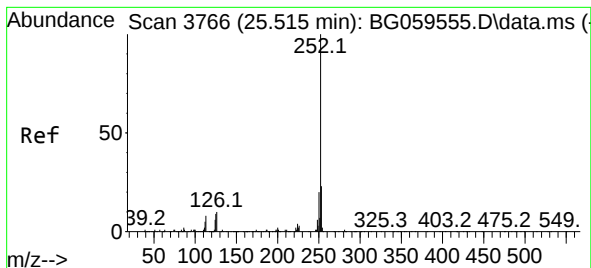
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#91
Benzo(k)fluoranthene
Concen: 3.611 ng/ul
RT: 24.586 min Scan# 3608
Delta R.T. -0.015 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:252 Resp: 146192
Ion Ratio Lower Upper
252 100
253 18.6 17.9 26.9
125 9.5 7.9 11.9





#93

Benzo(a)pyrene

Concen: 3.854 ng/ul m

RT: 25.515 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2023-08

Tgt Ion:252 Resp: 147614

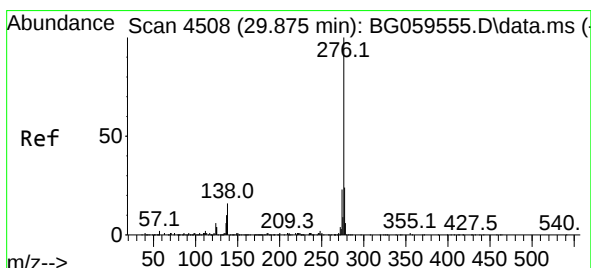
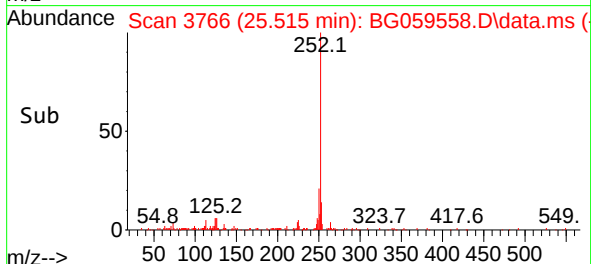
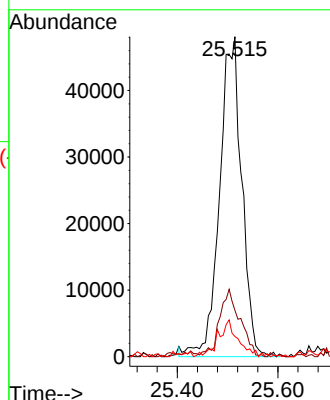
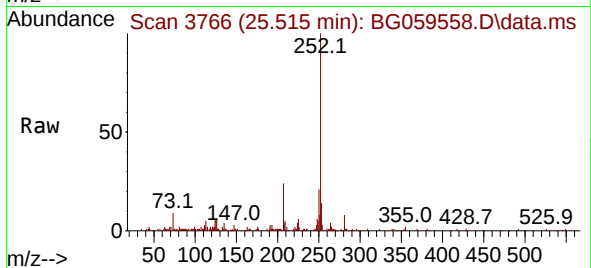
Ion	Ratio	Lower	Upper
252	100		
253	14.5	18.5	27.7
125	6.3	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.788 ng/ul m

RT: 29.868 min Scan# 4507

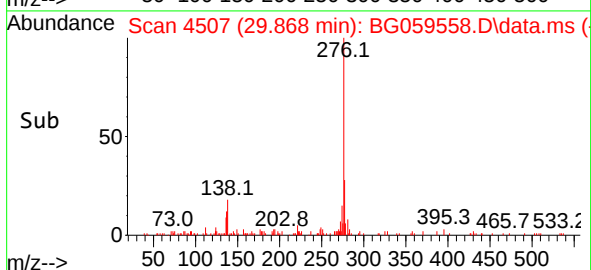
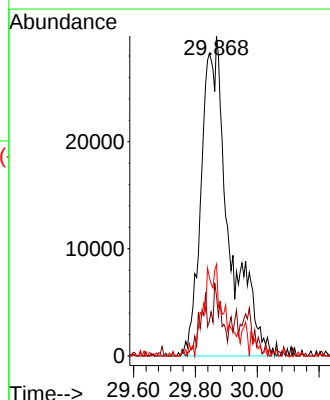
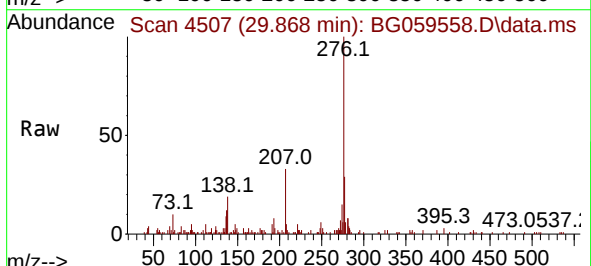
Delta R.T. -0.021 min

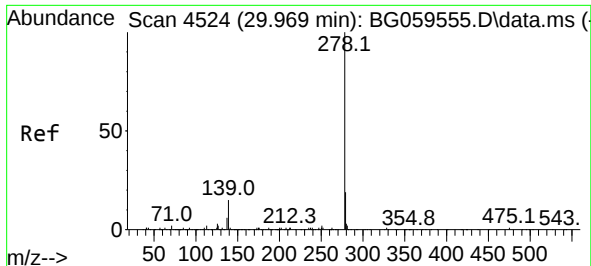
Lab File: BG059558.D

Acq: 31 Oct 2023 11:42

Tgt Ion:276 Resp: 183900

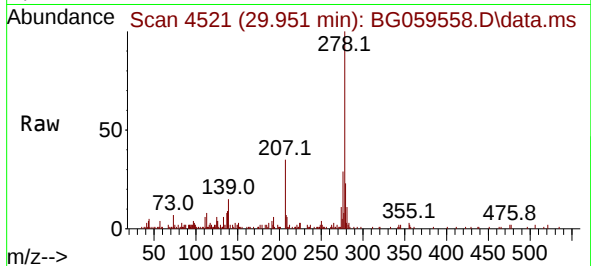
Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.3	22.9
277	28.6	16.4	24.6





#95
Dibenzo(a,h)anthracene
Concen: 3.893 ng/ul m
RT: 29.951 min Scan# 4
Delta R.T. -0.032 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

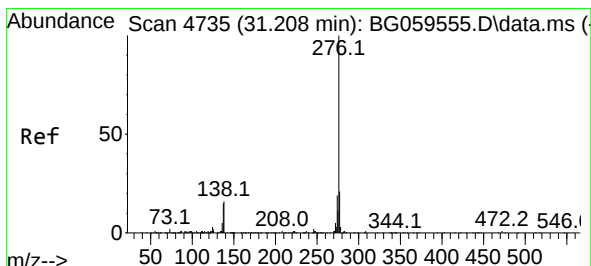
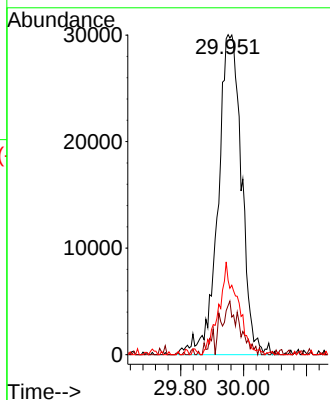
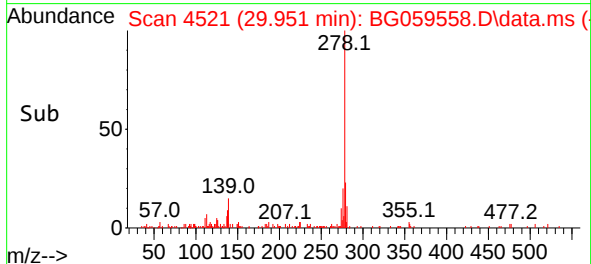
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:278 Resp: 156079
Ion Ratio Lower Upper
278 100
139 15.3 11.0 16.6
279 23.2 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#96
Benzo(g,h,i)perylene
Concen: 3.532 ng/ul m
RT: 31.179 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BG059558.D
Acq: 31 Oct 2023 11:42

Tgt Ion:276 Resp: 140333
Ion Ratio Lower Upper
276 100
138 15.8 16.2 24.2#
277 23.5 18.2 27.4

